

## Slit Homolog 1 (Slit1) Recombinant Protein | Slit1 recombinant protein

Recombinant Slit Homolog 1 (Slit1)

|                               |                       |                                               |
|-------------------------------|-----------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA134556</b> | HOST<br><b>E.coli</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|-----------------------|-----------------------------------------------|

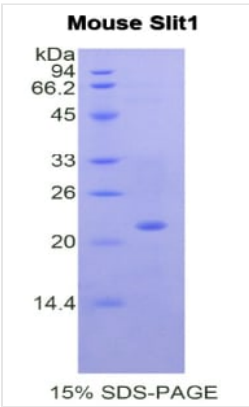
### PRODUCT SYNONYMS

Slit Homolog 1 (Slit1); Recombinant Slit Homolog 1 (Slit1); Slit1 recombinant protein

### PRODUCT SPECIFICATIONS

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                  | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Purity/Purification                                   | > 90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Form/Format                                           | 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Concentration                                         | Original Concentration: 150ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Sequence                                              | SIRSGMFRGL DGLRTLMLRN NRISCIHNDS FTGLRNVRL SLYDNHITTI SPGAFDTLQA LSTLNLLANP<br>FNCNCHLSWL GDWLRKRKIV TGNPRCQNP FLRQIPLQDV AFPDFRCEEG QEEVGCLPRP QCPQECACLD<br>TVVRCSNKH L QALPGIPKN VTELYLDGNQ F                                                                                                                                                                                                                                                                                                                              |
| Applicable Applications for Slit1 recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Organism Species                                      | Mus musculus (Mouse)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Source                                                | Prokaryotic expression                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Residues                                              | Ser603~Phe773                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Tags                                                  | N-terminal His Tag                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Subcellular Location                                  | Secreted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Traits                                                | Freeze-dried powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Predicted isoelectric point                           | 8.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Usage                                                 | Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Preparation and Storage                               | <b>Storage:</b><br>Avoid repeated freeze/thaw cycles.<br>Store at 2-8 degree C for one month.<br>Aliquot and store at -80 degree C for 12 months.<br><br><b>Stability Test:</b><br>The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 256355216                                                                                                          |
| NCBI GeneID                      | 20562                                                                                                              |
| NCBI Accession #                 | NP_056563.2                                                                                                        |
| NCBI GenBank Nucleotide #        | NM_015748.3                                                                                                        |
| UniProt Accession #              | Q80TR4; Q9WVB5                                                                                                     |
| Molecular Weight                 | Predicted Molecular Mass: 20.9kDa<br>Accurate Molecular Mass: 21kDa as determined by SDS-PAGE reducing conditions. |
| NCBI Official Full Name          | slit homolog 1 protein                                                                                             |
| NCBI Official Synonym Full Names | slit homolog 1 (Drosophila)                                                                                        |
| NCBI Official Symbol             | Slit1                                                                                                              |
| NCBI Official Synonym Symbols    | Slit1; mKIAA0813                                                                                                   |
| NCBI Protein Information         | slit homolog 1 protein; slit-1                                                                                     |
| UniProt Protein Name             | Slit homolog 1 protein                                                                                             |
| UniProt Gene Name                | Slit1                                                                                                              |
| UniProt Synonym Gene Names       | Kiaa0813; Slit-1                                                                                                   |
| UniProt Entry Name               | SLIT1_MOUSE                                                                                                        |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/slit1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134556>