

## Vimentin (VIM) Recombinant Protein | VIM recombinant protein

Recombinant Vimentin (VIM)

|                               |                       |                                               |
|-------------------------------|-----------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA147155</b> | HOST<br><b>E Coli</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|-----------------------|-----------------------------------------------|

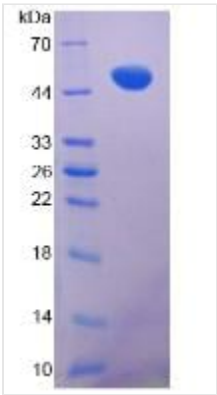
### PRODUCT SYNONYMS

Vimentin (VIM); Recombinant Vimentin (VIM); VIM recombinant protein

### PRODUCT SPECIFICATIONS

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                | E Coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Purity/Purification                                 | > 97%                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Form/Format                                         | Freeze-dried powder                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Sequence Length                                     | 466                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Applicable Applications for VIM recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                                                                                                                                                                                                                                                                                                                                                                               |
| Fragment                                            | Ser2~Glu466                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Tag                                                 | N-terminal His Tag                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Buffer Formulation                                  | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.                                                                                                                                                                                                                                                                                                                                                                                                |
| Source Note                                         | Prokaryotic expression                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Organism Species                                    | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Endotoxin Level                                     | <1.0EU per 1 ug (determined by the LAL method).                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Isoelectric Point                                   | 5.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Subcellular Location                                | Cytoplasm                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Usage                                               | Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.                                                                                                                                                                                                                                                                                                                                                                                        |
| Preparation and Storage                             | Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months.<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



STRSVSSSS YRRMFGGPGT ASRPSSRSY VTTSTRYSL GSALRPSTSR  
SLYASSPGGV YATRSSAVRL RSSVPGVRL QDSVDFSLAD AINTEFKNTR  
TNEKVELQEL NDRFANYIDK VRFLEQNKI LLAELEQLKG QGKSRLGDLY  
EEEMRELRRQ VDQLTNDKAR VEVERNLAE DIMRLREKLQ EEMLRQEEAE  
NTLQSFRRQDV DNASLARLDL ERKVESLQEE IAFLLKLHEE EIQLQQAQIQ  
EQHVQIDVDV SKPDLTAALR DVRQQYESVA AKNLQEAEEH YKSKFADLSE  
AANRNNDALR QAKQESTEYR RQVQSLTCEV DALKGTNESL ERQMREMEEN  
FAVEAANYQD TIGRLQDEIQ NMKEEMARHL REYQDLLNVK MALDIEIATY  
RKLLGEESR ISLPLPNFSS LNLRETNLDS LPLVDTHSKR TLLIKTVETR  
DGQVINETSQ HHDDLE

Sequence

SDS-PAGE

ADDITIONAL INFORMATION

|                                                       |                     |
|-------------------------------------------------------|---------------------|
| Product Categories/Family for VIM recombinant protein | Recombinant Protein |
|-------------------------------------------------------|---------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------|
| NCBI GI #                        | 62414289                                                                               |
| NCBI GeneID                      | 7431                                                                                   |
| NCBI Accession #                 | NP_003371.2                                                                            |
| NCBI GenBank Nucleotide #        | NM_003380.3                                                                            |
| UniProt Accession #              | P08670; Q15867; Q15868; Q15869; Q548L2; Q6LER9; Q8N850; Q96ML2; Q9NTM3; B0YJC2; D3DRU4 |
| Molecular Weight                 | 55.1kDa                                                                                |
| NCBI Official Full Name          | vimentin                                                                               |
| NCBI Official Synonym Full Names | vimentin                                                                               |
| NCBI Official Symbol             | VIM                                                                                    |
| NCBI Official Synonym Symbols    | HEL113; CTRCT30                                                                        |
| NCBI Protein Information         | vimentin                                                                               |
| UniProt Protein Name             | Vimentin                                                                               |
| UniProt Gene Name                | VIM                                                                                    |

**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/vim-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/147155>