

## GRB2 Associated Binding Protein 3 (GAB3) Recombinant Protein | GAB3 recombinant protein

Recombinant GRB2 Associated Binding Protein 3 (GAB3)

|                               |                       |                                               |
|-------------------------------|-----------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA153721</b> | HOST<br><b>E coli</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|-----------------------|-----------------------------------------------|

### PRODUCT SYNONYMS

GRB2 Associated Binding Protein 3 (GAB3); Recombinant GRB2 Associated Binding Protein 3 (GAB3); GRB2 Associated Binding Protein 3; GAB3 recombinant protein (prokaryotic); Human; DOS/Gab Family Member 3; Gab3 Scaffolding Protein; GRB2-associated binder 3; Growth factor receptor bound protein 2-associated protein 3; GAB3 recombinant protein

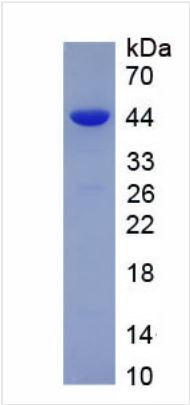
### PRODUCT SPECIFICATIONS

|                                                      |                                                                                                              |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Host                                                 | E coli                                                                                                       |
| Purity/Purification                                  | Greater than 95% by SDS-PAGE                                                                                 |
| Form/Format                                          | PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.<br>Freeze-dried powder                                       |
| Sequence Positions                                   | Lys332~Gln583                                                                                                |
| Applicable Applications for GAB3 recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                     |
| Expression System                                    | Prokaryotic expression                                                                                       |
| Species                                              | Human                                                                                                        |
| Tag                                                  | Two N-terminals, His-tag and SUMO-tag                                                                        |
| Endotoxin Level                                      | <1.0EU per 1ug (determined by the LAL method)                                                                |
| Isoelectric Point                                    | 7.5                                                                                                          |
| Subcellular Location                                 | Secreted                                                                                                     |
| Research Area                                        | Signal transduction                                                                                          |
| Preparation and Storage                              | Store at 2-8 degree C for one month, -80 degree C for 12 months<br>Stable for 12 months if correctly stored. |

IMAGES

KKPECTLPV PRISLSGLN MRTWKADVEG QSLRHRKRL SLNLPCRFSP MYPTASASIE DSYVPMSPQA  
GASGLGPHCS PDYIPWNSG SISSPLPLP ANLEPPPVNR DLKPKQESRP PPLDLRLNLSI IREHASLTRT  
RTVPCRTSF LSPFRMGINS ARFFANPVSR EDESEYIENE EHRTASSLSS GALTWTKKFS LDYALDFNS  
ASPAFNGREL LLSEGRVDY VQVDEKNTQA LQSTRGEWTD ERQ

Amino Acid Info



SDS-PAGE  
Figure. SDS-PAGE

ADDITIONAL INFORMATION

|                                                        |                      |
|--------------------------------------------------------|----------------------|
| Product Categories/Family for GAB3 recombinant protein | Prokaryotic proteins |
|--------------------------------------------------------|----------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 18079323                                                                                                                                                                                                                                 |
| NCBI GeneID                      | 139716                                                                                                                                                                                                                                   |
| NCBI Accession #                 | NP_542179.1                                                                                                                                                                                                                              |
| NCBI GenBank Nucleotide #        | NM_080612.2                                                                                                                                                                                                                              |
| UniProt Accession #              | Q8WWW8                                                                                                                                                                                                                                   |
| Molecular Weight                 | 65,589 Da                                                                                                                                                                                                                                |
| NCBI Official Full Name          | GRB2-associated-binding protein 3 isoform 2                                                                                                                                                                                              |
| NCBI Official Synonym Full Names | GRB2-associated binding protein 3                                                                                                                                                                                                        |
| NCBI Official Symbol             | GAB3                                                                                                                                                                                                                                     |
| NCBI Official Synonym Symbols    | GAB3                                                                                                                                                                                                                                     |
| NCBI Protein Information         | GRB2-associated-binding protein 3; OTTHUMP00000026055; OTTHUMP00000026056; OTTHUMP000000225955; DOS/Gab family member 3; GRB2-associated binder 3; Gab3 scaffolding protein; growth factor receptor bound protein 2-associated protein 3 |
| UniProt Protein Name             | GRB2-associated-binding protein 3                                                                                                                                                                                                        |
| UniProt Gene Name                | GAB3                                                                                                                                                                                                                                     |
| UniProt Entry Name               | GAB3_HUMAN                                                                                                                                                                                                                               |

**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.