

# Glycogen Synthase Kinase 3 Beta (GSK3b) Recombinant Protein | GSK3b recombinant protein

Recombinant Glycogen Synthase Kinase 3 Beta (GSK3b)

|                               |                       |                                               |
|-------------------------------|-----------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA150720</b> | HOST<br><b>E Coli</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|-----------------------|-----------------------------------------------|

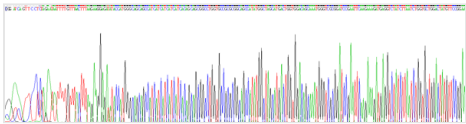
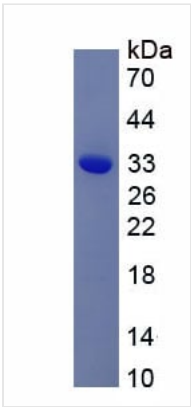
## PRODUCT SYNONYMS

Glycogen Synthase Kinase 3 Beta (GSK3b); Recombinant Glycogen Synthase Kinase 3 Beta (GSK3b); Glycogen Synthase Kinase 3 Beta; Serine/threonine-protein kinase GSK3B; GSK3b recombinant protein

## PRODUCT SPECIFICATIONS

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                  | E Coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Purity/Purification                                   | >97%                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Form/Format                                           | Freeze-dried powder<br>20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.                                                                                                                                                                                                                                                                                                                                             |
| Sequence                                              | Lys122~Thr 375                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Applicable Applications for GSK3b recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                                                                                                                                                                                                                                                                                                                                                                               |
| Source                                                | Prokaryotic expression                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Species                                               | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Tag                                                   | N-terminal His Tag                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Endotoxin                                             | <1.0EU per 1ug (determined by the LAL method)                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Isoelectric Point                                     | 7.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Subcellular Location                                  | Membrane, Nucleus, Cytoplasm                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 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                               | Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles.<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



Gene Sequence  
Figure. Gene Sequencing (extract)

SDS-PAGE  
Figure. SDS-PAGE

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      KKDEVVLNL VLDVVPETVY RVARHYSRAK
QTLPIYVKL YMYQLFRSLA YIHSFGICHR DIKPQNLLLD PDTAVLKLCD
FGSAKQLVRG EPNVSYICSR YYRAPELIFG ATDYTSSIDV WSAGCVLAEL
LLGQPIFPGD SGVDQLVEII KVLGTPTREQ IREMNPNYTE FKFPQIKAHP
WTKVFRPRTPEAIALCSRL LEYTP TARLT PLEACAH SFF DELRDPNVKL
PNGRDTPALF NFFTQELSSN PPLAT
```

Sequence

ADDITIONAL INFORMATION

|                                                         |                                          |
|---------------------------------------------------------|------------------------------------------|
| Product Categories/Family for GSK3b recombinant protein | Enzyme & Kinase; Recombinant proteins/RP |
|---------------------------------------------------------|------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                  |                                                                     |
|------------------|---------------------------------------------------------------------|
| Molecular Weight | Predicted Molecular Mass: 32.6kDa<br>Accurate Molecular Mass: 33kDa |
|------------------|---------------------------------------------------------------------|

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/glycogen-synthase-kinase-3-beta-gsk3b-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/150720>