





## Recombinant Human Glycogen synthase kinase-3 beta (GSK3B)

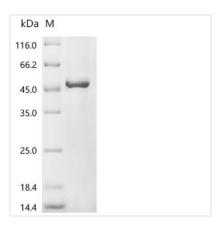
| Abbreviation Recombinant Human GSK3B protein  The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20?/-80?. The shelf life of lyophilized form is 12 months at -20?/-80?.  Uniprot No. P49841  Form Liquid or Lyophilized powder  If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.  Product Type Recombinant Human Glycogen synthase kinase-3 beta (GSK3B)  Immunogen Species Homo sapiens (Human)  Sensitivity Not Test  Purity Greater than 90% as determined by SDS-PAGE.  Sequence MSGRPRTTSFAESCKPVQQPSAFGSMKVSRDKDGSKVTTVVATPGQGPDRP QEVSYTDTKVIGMGSFGVVYQAKLCDSGELVAIKKVLQDKRFKNRELQIMRKL DHCNIVRLKYFYSSGEKKDEVYLILVLDTVPETYVRVARHYSRAKQTLPVITYV KLYMYQLFRSLAYIHSFGICHRDIKPQNLLLDPDTAVLKLCDFGSAKQLVRGEP NVSYICSRYYRAPELIFGATDYTSSIDVWSAGCVLAELLLGQPIFPGDSGVDQL VEIIKVLGTPTREQIREMNPNYTEFKFPQIKAHPWTKVFRPRTPPEAIALCSRLL EYTPTARLTPLEACAHSFFDELRDPNVKLPNGRDTPALFNFTTQELSSNPPLAT ILIPPHARIQAAASTPTNATAASDANTGDRGQTNNAASASASNST  Research Area Signal Transduction  Source E.coli  Target Names GSK3B  Expression Region 1-420aa  Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4? for up to one week.  Tag Info N-terminal Flag-tagged  Mol. Weight 47.9 kDa  Protein Length |                   |  |
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| Liquid or Lyophilized powder   | Storage           | storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20?/-80?. The shelf life of lyophilized form is 12   |
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| QEVSYTDTKVIGNGSFGVVYQAKLCDSGELVAIKKVLQDKRFKNRELQIMRKL DHCNIVRLRYFFYSSGEKKDEVYLNLVLDYVPETVYRVARHYSRAKQTLPVIVV KLYMYQLFRSLAYIHSFGICHRDIKPQNLLLDPDTAVLKLCDFGSAKQLVRGEP NVSYICSRYYRAPELIFGATDYTSSIDVWSAGCVLAELLLGQPIFPGDSGVDQL VEIIKVLGTPTREQIREMNPNYTEFKFPQIKAHPWTKVFRPRTPPEAIALCSRLL EYTPTARLTPLEACAHSFFDELRDPNVKLPNGRDTPALFNFTTQELSSNPPLAT ILIPPHARIQAAASTPTNATAASDANTGDRGQTNNAASASASNST  Research Area Signal Transduction  Source E.coli  Target Names GSK3B  Expression Region 1-420aa  Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4? for up to one week.  Tag Info N-terminal Flag-tagged  Mol. Weight 47.9 kDa  Protein Length  Full Length   | Purity            | Greater than 90% as determined by SDS-PAGE.  |
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| Protein Length Full Length   | Tag Info          | N-terminal Flag-tagged   |
|  | Mol. Weight       | 47.9 kDa   |
| Image  | Protein Length    | Full Length  |
|  | Image             |  |



## **CUSABIO TECHNOLOGY LLC**







(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20?/-80?. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## **Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.