



# Recombinant Drosophila melanogaster Putative glycogen synthase kinase-3 homolog (gskt), partial

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| <b>Product Code</b>      | CSB-EP307884DLU-B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Uniprot No.</b>       | P83101                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Immunogen Species</b> | Drosophila melanogaster (Fruit fly)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Purity</b>            | ≥85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Sequence</b>          | MASQSKNSGL TNKVTTVVAT NAFGADVMS EISYTDKVVG NGSFVGVFQA<br>KMVPSNEMVA IKKVLQDRRF KNRELQIMRK LRHDNIITLK WFFFSSGEKR<br>DEVYLNLMVE FLPETLYKVE RQYARAKQTL PVNFVRLYMY QLLRSMGYLH<br>SLGFCHRDII PQNMLLDSET GVLKLCDFGS AKQLISGEPN VSYICSRYYR<br>APELIFGSTD YTTKIDMWSA GCVMSSELLG QLIFPGDSGV DQIVEIVKVM<br>GTPTSEQLHD MNPHYKQFKL PELKPHPWSK VFRIRTPAEA IDLVSKMLIY<br>SPNARVSPLM GCAHPFFDEL RQDPHQQLPN GRSLPPLFNF TDYEKTIEPD<br>TMPLLLPRAQ GSSTTKEPSA AHRNRNTAGE ESPRKTEDSQ KPATAALSKS<br>PGPSGKALES PPGFLQHDLG NGDHVAVGTM PMEPLTLEQN HFAAESYAVG<br>EDAEDNLEED VGDENDYDYD DGGQCNSTYI SDDMDEASES DDDDFEEEDE<br>N |
| <b>Source</b>            | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Target Names</b>      | gskt                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Protein Names</b>     | Recommended name: Putative glycogen synthase kinase-3 homolog Short name= GSK-3 EC= 2.7.11.26 Alternative name(s): Protein gasket                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Expression Region</b> | 1-501                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Protein Length</b>    | Partial                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Reconstitution</b>    | 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°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.                                                                                                                                                                                          |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.                                                                                                                                                                                                                                                                                                                   |