



Recombinant *Xenopus laevis* Glycogen synthase kinase-3 beta (gsk3b)

Product Code	CSB-EP856250XBE-B
Abbreviation	gsk3b
Storage	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.
Uniprot No.	Q91757
Product Type	Recombinant Protein
Immunogen Species	<i>Xenopus laevis</i> (African clawed frog)
Purity	>85% (SDS-PAGE)
Sequence	MSGRPRTTSF AESCKPVQQP SSFGSMKVSR DKDGSKVTTV VATPGQGPDR QQEVTYTDTK VINGNSFGVV YQAKLCDTGE LVAIKKVLQD KRFKNRELQI MRKLDHCNIV RLRYFFYSSG EKKDEVYLNL VLDYVPETVY RVARHYSRAK QALPIIYVKL YMYQLFRSLA YIHSFGICHR DIKPQNLLLD PETAVLKLCD FGS AKQLVRG EPNVSYICSR YYRAPELIFG ATDYTSSIDV WSAGCVLAEL LLGQPIFPGD SGVDQLVEII KVLGTPTREQ IREMNPNYTE FKFPQIKAHP WTKVFRARTP PEAIALCSRL LEYTPTSRLT PLDACAHSFF DELRDPNLKL PNGREFPALF NFTTQELSSN PSLSSILIPA HARNQAAVST TSNTTSTSDS NTGERGSTNN AASASASNSS
Source	E.coli
Target Names	gsk3b
Protein Names	Recommended name: Glycogen synthase kinase-3 beta Short name= GSK-3 beta EC= 2.7.11.26 Alternative name(s): Xgsk-3 protein
Expression Region	1-420
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
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°C/-80°C. 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.