



Recombinant Rat Glycogen synthase kinase-3 beta (Gsk3b)

Product Code	CSB-YP009963RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P18266
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	MSGRPRTTSF AESCKPVQQP SAFGSMKVS R DKDGSKVTTV VATPGQGPDR PQEVSYTDK VIGNSGFGVV YQAKLCDSGE LVAIKKVLQD KRFKNRELQI MRKLDHCNIV RLRYFFYSSG EKKDEVYLN L VLDYVPETVY RVARHYSRAK QTLPVIYVKL YMYQLFRSLA YIHSFGICHR DIKPQNLLLD PDTAVLKLCD FGS AKQLVRG EPNVSYICSR YYRAPELIFG ATDYTSSIDM WSAGCVLAE L LLGQPIFPGD SGVDQLVEII KVLGTP TREQ IREMNP NYTE FKFPQIKAHP WTKVFRP RTP PEAIALCSRL LEYTP TARLT PLEACAHSFF DEL RDPNVKL PNGRDT PALF NFTTQELSSN PPLATILIPP HARIQAAASP PANATAASDT NAGDRGQTNN AASASASNST
Source	Yeast
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): Factor A Short name= FA Serine/threonine-protein kinase GSK3B EC= 2.7.11.1
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.