



Recombinant Rat Glycogen synthase kinase-3 alpha (Gsk3a)

Product Code	CSB-BP009962RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P18265
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	<p>SGGGPSGGG PGGSGRARTS SFAEPGGGGG GGGGGPGGSA SGPGGTGGGK ASVGAMGGGV GASSSGGGPS GSGGGGSSGGP GAGTSFPPPG VKLGRDSGKV TTVVATLGQG PERSQEVAYT DIKVINGNSF GVVYQARLAE TRELVAIKKV LQDKRFKNRE LQIMRKLDHC NIVRLRYFFY SSGEKKDELY LNLVLEYVPE TVYRVARHFT KAKLIPIIY VKVYMYQLFR SLAYIHSQGV CHRDIKPQNL LVDPDTAVLK LCDFGSAKQL VRGEPNVSYI CSRYRRAPEL IFGATDYTSS IDVWSAGCVL AELLGQPIF PGDSGVDQLV EIIKVLGTPT REQUIREMNPY YTEFKFPQIK AHPWTKVFKS RTPPEAIALC SSLLEYTPSS RLSPLEACAH SFFDELRLSLG TQLPNNRPLP PLFNFPSEL SIQPSLNAIL IPPHLRSPSG PATLTSSSSQA LTETQTGQDW QAPDATPTLT NSS</p>
Source	Baculovirus
Target Names	Gsk3a
Protein Names	Recommended name: Glycogen synthase kinase-3 alpha Short name= GSK-3 alpha EC= 2.7.11.26 Alternative name(s): Factor A Short name= FA Serine/threonine-protein kinase GSK3A EC= 2.7.11.1
Expression Region	2-483
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 of Mature 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.