



# Recombinant Rat Glycogen synthase kinase-3 alpha (Gsk3a)

<b>Product Code</b>	CSB-MP009962RA
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P18265
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<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 REQUIREMNP YTEFKFPQIK AHPWTKVFKS RTPPEAIALC            SSLLEYTPSS RLSPLEACAH SFFDELRLSLG TQLPNNRPLP PLFNFSPGEL            SIQPSLNAIL IPPHLRSPSG PATLTSSSSQA LTETQTGQDW QAPDATPTLT            NSS</p>
<b>Source</b>	Mammalian cell
<b>Target Names</b>	Gsk3a
<b>Protein Names</b>	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
<b>Expression Region</b>	2-483
<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>	Full Length of Mature Protein
<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. 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.