



# Recombinant Rat G protein-coupled receptor kinase 6 (Grk6)

<b>Product Code</b>	CSB-EP009927RA-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P97711
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MELENIVANT VLLKAREGGG GNRKKGSKKW RQMLQFPHIS QCEELRLSLE RDYHSLCERQ PIGRLLFREF CATRPELTRC TAFLDGVAEY EVTPDEKRKA CGCRLMQNFL SHTGPD LIPE VPRQLVSNCA QRLEQGPKKD L FQELTRLTH EYLSMAPFAD YLDSIYFNRF LQWKWLERQP VTKNTFRQYR VLGKGGFGEV CACQVRATGK MYACKKLEKK RIKKRKGEAM ALNEKQILEK VNSRFVVS LA YAYETKDALC LVL TLMNGGD LKFHIYHMGQ AGFPEARAVF YAAEICCGLE DLHRERIVYR DLKPENILLD DHGHIRISDL GLTVHVPEGQ TIKGRVGTVG YMAPEVVKNE RYTFSPDWWA LGCLLYEMIA GQSPFQQRKK KIKREEVERL VKEVAEEYTD RFSPQARSLC SQLPNKDPAE RLGCRGGGAR EVKEHPLFKK LNFKRLGAGM LEPPFKPDPQ AIYCKDVLDI EQFSTVKGVD LEPTDQDFYQ KFATGSVSIP WQNEMVETEC FQELNVFGLD GSVPPDLWK GQPTAPPKKG LLQRLFSRQD CCGNCS DSEE ELPTRL
<b>Source</b>	E.coli
<b>Target Names</b>	Grk6
<b>Protein Names</b>	Recommended name: G protein-coupled receptor kinase 6 EC= 2.7.11.16 Alternative name(s): G protein-coupled receptor kinase GRK6
<b>Expression Region</b>	1-576
<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 protein
<b>Target Details</b>	This gene encodes a member of the guanine nucleotide-binding protein (G protein)-coupled receptor kinase subfamily of the Ser/Thr protein kinase family. The protein phosphorylates the activated forms of G protein-coupled receptors thus initiating their deactivation. Several transcript variants encoding different isoforms have been described for this gene.
<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.



## 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.