



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

Product Code	CSB-MP009927RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P97711
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	MELENIVANT VLLKAREGGG GNRKKGKSKKW RQMLQFPHIS QCEELRLSLE RDYHSLCERQ PIGRLLFREF CATRPELTRC TAFLDGVAEY EVTPDEKRKA CGCRLMQNFL SHTGPD LIPE VPRQLVSNCA QRLEQGPKKD LQELTRLTH EYLSMAPFAD YLDSIYFNRF LQWKWLERQP VTKNTFRQYR VLGKGGFGEV CACQVRATGK MYACKKLEKK RIKKRKGEAM ALNEKQILEK VNSRFVVS LA YAYETKDALC LVLTLMNGGD 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
Source	Mammalian cell
Target Names	Grk6
Protein Names	Recommended name: G protein-coupled receptor kinase 6 EC= 2.7.11.16 Alternative name(s): G protein-coupled receptor kinase GRK6
Expression Region	1-576
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
Target Details	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.
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.