



# Recombinant Mouse G protein-coupled receptor kinase 4 (Grk4)

<b>Product Code</b>	CSB-EP009925MO
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O70291
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MELENFVANN LLLKARLGFN KQTGRSCKKWR ELLKFPPVSM CTELRWSIEK DFSSLCDKQP IGRLFRQFC DTKPDLKRCI EFLDAVAEYE VTIEEQREF GLAIFSRFFK EKSEVPLPEI PPDIVKECKW NLKQNSPSQN VFEECAGIVC KYLSETPFEE YQESTYFNRF LQWKWLERRP VTKNTFRQYR VLGKGGFGEV CACQVRATGK MYACKKLEKK RIKKRKGEAM ALNEKRILEK LHSRFVVS LA TYETKDALC LVLTIMNGGD LKYHIYNLGD PGFEEPRAVF YAAELCCGLE DLQRKRIVYR DLKPENILLD DHGHIRISDL GLAMEVPEGE MVRGRVGT VGYMAPEIINHE KYTFSPDWWG LGCLYEMIA GHSPFRKYKE KVNREEL ERRVKNETEEYSE RFSEDAKSIC SMLLIKDPSK RLGCRDGV AVKQHPIFKD INFSRLEANM LDPPFIPDPQ AIYCRNILD GQFSVVKGVN LDTNDEIFYA EFATGSVTIP WQNEMIESGC FKDLNENEDD LSSLEKYKMC SSILRPKRN FRRLFRRTGC LNIALSEERE PTEH
<b>Source</b>	E.coli
<b>Target Names</b>	Grk4
<b>Protein Names</b>	Recommended name: G protein-coupled receptor kinase 4 EC= 2.7.11.16 Alternative name(s): G protein-coupled receptor kinase GRK4
<b>Expression Region</b>	1-574
<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 its deactivation. This gene has been linked to both genetic and acquired hypertension.
<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.