



Recombinant Rat G protein-coupled receptor kinase 4 (Grk4)

| | |
|--------------------------|---|
| Product Code | CSB-BP009925RA |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | P70507 |
| Product Type | Recombinant Protein |
| Immunogen Species | Rattus norvegicus (Rat) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MELENFMANT LLLKARQGFT KKTGRSKKWR ELLKLPPVSM CSDLRHSIEK DFSSLCDQQP IGRLLFRQFC NTKPDLKRCI EFLDAAAEEYE VTIEEQREF GLSIYSRFFK ENSEVSLPQI PPDLVKECKC NLKQSSPSQN VFQDCAGVIY KYLSEKPFEE YQESTYYNRF LQWKWLERRP VTKNTFRQYR VLGKGGFGEV CACQVRATGK MYACKKLEKK RIKKRKGEAM ALNEKRILEK LHSRFVVSLA YTYETKDALC LVLTIMNGGD LKYHIYNLGN PGFEEQRAVF YAAELCCGLE DLQRERIVYR DLKPENILLD DHGHIRISDL GLALEIPEGE MVRGRVGTVG YMAPEIISHE KYTFSPDWWG LGCLYEMIA GHSPFRKYKE KVNREEMERR VKTETEEYSE RFSENAKSIC SMLLTKDPSK RLGCQSDGAS AVKQHPIFKD INFSRLEANM LDPPFCPDPE AIYCKDILDI GQFSVVKGVN LDTNDEIFYT QFATGCVTIP WQNEMIESGC FKDLNEYEDK GLSPLEKHKI CSCILRPKRN FFHRLFRRRAA CLNIAHSEER EPTEH |
| Source | Baculovirus |
| Target Names | Grk4 |
| Protein Names | Recommended name: G protein-coupled receptor kinase 4 EC= 2.7.11.16 Alternative name(s): G protein-coupled receptor kinase GRK4 |
| Expression Region | 1-575 |
| 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 its deactivation. This gene has been linked to both genetic and acquired hypertension. |
| 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.