



# Recombinant Human G protein-coupled receptor kinase 7 (GRK7)

<b>Product Code</b>	CSB-BP009929HU
<b>Abbreviation</b>	GRK7
<b>Storage</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.
<b>Uniprot No.</b>	Q8WTQ7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MVDMGALDNL IANTAYLQAR KPSCDCSKEL QRRRRSLALP GLQGCAELRQ KLSLNFHSLC EQQPIGRRLF RDFLATVPTF RKAATFLEDV QNWELAEEGP TKDSALQGLV ATCASAPAPG NPQPFLSQAV ATKCQAATTE EERVAAVTLA KAEAMAFLQE QPFKDFV TSA FYDKFLQWKL FEMQPVSDKY FTEFRVLGKG GFGEVCAVQV KNTGKMYACK KLDKKRLKKK GGEKMALLEK EILEKVSSPF IVSLAYAFES KTHLCLVMSL MNGGDLKFHI YNVGTRGLDM SRVIFYSAQI ACGMLHLHEL GIVYRDMKPE NVLLDDLGNCR LSDLGLAVE MKGGKPITQR AGTNGYMAPE ILMEKVSYSY PVDWFAMGCS IYEMVAGRTP FKDYKEKVKSK EDLKQRTLQD EVKFQHDNFT EEAKDICRLF LAKKPEQRLG SREKSDDPRK HHFFKTINFP RLEAGLIEPP FVPDPSVVYA KDIAEIDDFS EVRGVEFDDK DKQFFKNFAT GAVPIAWQEE IIETGLFEEL NDPNRPTGCE EGNSSKSGVC
<b>Source</b>	Baculovirus
<b>Target Names</b>	GRK7
<b>Protein Names</b>	Recommended name: G protein-coupled receptor kinase 7 EC= 2.7.11.14 EC= 2.7.11.16 Alternative name(s): G protein-coupled receptor kinase GRK7
<b>Expression Region</b>	1-550
<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. It is specifically expressed in the retina and the encoded protein has been shown to phosphorylate cone opsins and initiate their deactivation.
<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.