

Recombinant Full Length Human GRK7 Protein, GST-tagged

Cat. No. GRK7-5576HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GRK7 full-length ORF (AA152978.1, 1 a.a. - 553 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	553 amino acids
Description	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. [provided by RefSeq
Molecular Mass	87.78 kDa
AA Sequence	MVDMGALDNLANTAYLQARKPSDCDSKELQRRRRSLALPGLQGCAELRQKLSLNF HSLCEQQPIGRRLFRDFLATVPTFRKAATFLEDVQNWELAEEGPTKDSALQGLVATC ASAPAPGNPQPFLSQAVATKCQAATTEEERVAAVTLAKAEAMAFLQEQQPFKDFVTS AFYDKFLQWKL FEMQPVSDKYFTEFRVLGKGGFGEVCAVQVKNTGKMYACKKLDK KRLKKKGGEKMALLEKEILEKVSSPFIVSLAYAFESKTHLCLVMSLMNGGDLKFHIYN VGTRGLDMSRVIFYSAQIACGMLHLHEL GIVYRDMKPENVLDDLGNCRLSDLGLAV EMKGGKPITQRAGTNGYMAPEILMEKVSYSYPVDWFAMGCSIYEMVAGRTPFKDYK EKVSKEDLKQRTLQDEVKFQHDNFTEEAKDICRLFLAKKPEQRLGSREKSDDPRKH HFFKTINFPRLEAGLIEPPFVPDPSVYAKDIAEIDDFSEVRGVEFDDKDKQFFKNFAT

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	GAVPIAWQEEIIETGLFEELNDPNRPTGCEEENSSKSGVCLLL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	GRK7 G protein-coupled receptor kinase 7 [Homo sapiens]
Official Symbol	GRK7
Synonyms	GRK7; G protein-coupled receptor kinase 7; GPRK7; g protein-coupled receptor kinase GRK7;
Gene ID	131890
mRNA Refseq	NM_139209
Protein Refseq	NP_631948
MIM	606987
UniProt ID	Q8WTQ7

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