

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 (AAI52978.1, 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 ASAPAPGNPQPFLSQAVATKCAATTEEERVAAVTLAKAEAMAFLQEQQPFKDFVTS AFYDKFLQWKL FEMQPVSDKYFTEFRVLGKGGFGEVCAVQVKNTGKMYACKKLDK KRLKKKGGEKMALLEKEILEKVSSPFIVSLAYAFESKTHLCLVMSLMNGGDLKFHIYN VGTRGLDMSRVIFYSAQIACGMLHLHEL GIVYRDMKPENVLLDDLGNCRSLDLGLAV EMKGGKPITQRAGTNGYMAPEILMEKVSYSYPVDWFAMGCSIYEMVAGRTPFKDYK EKVSKEDLKQRTLQDEVKQHDNFTEEAKDICRLFLAKKPEQRLGSREKSDDPRKH HFFKTINFPRLEAGLIEPPFVDPSPVYAKDIAEIDDFSEVRGVEFDDKDKQFFKNFAT

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GAVPIAWQEEIIETGLFEELNDPNRPTGCEEGNSSKSGVCLLL

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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