Recombinant Human GRK7 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. GRK7-147H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GRK7 MS Standard C13 and N15-labeled recombinant protein (NP_631948) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	62 kDa
AA Sequence	MVDMGALDNLIANTAYLQARKPSDCDSKELQRRRRRSLALPGLQGCAELRQKLSLNF HSLCEQQPIGRRLFRDFLATVPTFRKAATFLEDVQNWELAEEGPTKDSALQGLVATC ASAPAPGNPQPFLSQAVATKCQAATTEEERVAAVTLAKAEAMAFLQEQPFKDFVTS AFYDKFLQWKLFEMQPVSDKYFTEFRVLGKGGFGEVCAVQVKNTGKMYACKKLDK KRLKKKGGEKMALLEKEILEKVSSPFIVSLAYAFESKTHLCLVMSLMNGGDLKFHIYN VGTRGLDMSRVIFYSAQIACGMLHLHELGIVYRDMKPENVLLDDLGNCRLSDLGLAV EMKGGKPITQRAGTNGYMAPEILMEKVSYSYPVDWFAMGCSIYEMVAGRTPFKDYK EKVSKEDLKQRTLQDEVKFQHDNFTEEAKDICRLFLAKKPEQRLGSREKSDDPRKH HFFKTINFPRLEAGLIEPPFVPDPSVVYAKDIAEIDDFSEVRGVEFDDKDKQFFKNFAT

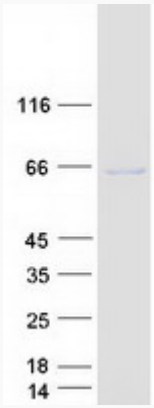
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	GAVPIAWQEEIIETGLFEELNDPNRPTGCEEGNSSKSGVCLLLSGPTRTRRLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	GRK7 G protein-coupled receptor kinase 7 [Homo sapiens (human)]
Official Symbol	GRK7
Synonyms	GRK7; G protein-coupled receptor kinase 7; GPRK7; rhodopsin kinase GRK7; g protein-coupled receptor kinase GRK7; EC 2.7.11.14
Gene ID	131890
mRNA Refseq	NM_139209
Protein Refseq	NP_631948
UniProt ID	Q8WTQ7

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SDS-PAGE	

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