Recombinant Human GRK4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GRK4-614H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GRK4 MS Standard C13 and N15-labeled recombinant protein (NP_892027) 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. 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. Several transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	66.6 kDa
AA Sequence	MELENIVANSLLLKARQGGYGKKSGRSKKWKEILTLPPVSQCSELRHSIEKDYSSLC DKQPIGRRLFRQFCDTKPTLKRHIEFLDAVAEYEVADDEDRSDCGLSILDRFFNDKLA APLPEIPPDVVTECRLGLKEENPSKKAFEECTRVAHNYLRGEPFEEYQESSYFSQFL QWKWLERQPVTKNTFRHYRVLGKGGFGEVCACQVRATGKMYACKKLQKKRIKKRK GEAMALNEKRILEKVQSRFVVSLAYAYETKDALCLVLTIMNGGDLKFHIYNLGNPGFD EQRAVFYAAELCCGLEDLQRERIVYRDLKPENILLDDRGHIRISDLGLATEIPEGQRV RGRVGTVGYMAPEVVNNEKYTFSPDWWGLGCLIYEMIQGHSPFKKYKEKVKWEEV DQRIKNDTEEYSEKFSEDAKSICRMLLTKNPSKRLGCRGEGAAGVKQHPVFKDINFR

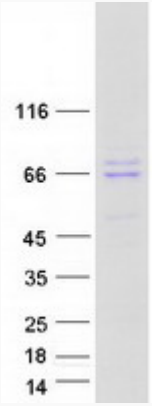
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	RLEANMLEPPFCPDPHAVYCKDVLDIEQFSAVKGIYLDTADEDFYARFATGCVSIPW QNEMIESGCFKDINKSESEEALPLDLDKNIHTPVSRPNRGFFYRLFRRGGCLTMVPS EKEVEPKQCTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 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	GRK4 G protein-coupled receptor kinase 4 [Homo sapiens (human)]
Official Symbol	GRK4
Synonyms	GRK4; G protein-coupled receptor kinase 4; G protein coupled receptor kinase 2 like (Drosophila), GPRK2L; GPRK4; ITI1; IT11; GRK4a; GPRK2L;
Gene ID	2868
mRNA Refseq	NM_182982
Protein Refseq	NP_892027
MIM	137026

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UniProt ID	P32298
SDS-PAGE	

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