

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	MELENIVANSLLLKARQGGYGKKSGRSKKWKEILTPPVVSQCSELRHSIEKDYSSLC DKQPIGRRLFRQFCDTKPTLKRHIEFLDAVAEYEVADDEDRSDCGLSILDRFFNDKLA APLPEIPPDVVTECRLGLKEENPSKKAFFECTRVAHNYLRGEPFEEYQESSYFSQFL QWKWLERQPVTKNTRHYRVLGKGGFGEVCACQVRATGKMYACKKLQKKRIKKRK GEAMALNEKRILEKVQSRFVVSLAYAYETKDALCLVLTIMNGGDLKFHIYNLGNPGFD EQRAVFYAAELCCGLEDLQRRERIVYRDLKPENILLDDRGHIRISDLGLATEIPEGQRV RGRVGTVGYPMAPEVVNNEKYTFSPDWWGLGCLYEMIQGHSPFKKYKEKVKWEEV DQRIKNDTEEYSEKFSEDA KSI CRM L LTKNPSKRLGCRGEGAAGVKQHPVFKDINFR

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RLEANMLEPPFCPDPHAVYCKDVLIDIEQFSVKGIIYLDTADEDFYARFATGCVSIPW
QNEMIESGCFKDINKSESEEEALPLDLDKNIHTPVSRPNRGFFYRLFRRGGCLTMVPS
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; IT11; IT11; GRK4a; GPRK2L;

Gene ID 2868

mRNA Refseq NM_182982

Protein Refseq NP_892027

MIM 137026

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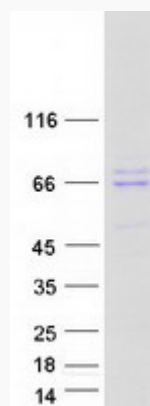
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UniProt ID

P32298

SDS-PAGE

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