

Recombinant Full Length Human GRK4 Protein, GST-tagged

Cat. No. GRK4-5545HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GRK4 full-length ORF (ADR83217.1, 1 a.a. - 578 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	578 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. 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. [provided by RefSeq]
Molecular Mass	63.6 kDa
AA Sequence	MELNIVANSLLLKARQGGYGKKSGRSKKWKEILTPPVVSQCSELRHSIEKDYSSLC DKQPIGRRLFRQFCDTKPTLKRHIEFLDAVAEYEVADDEDSDCGLSILDRFFNDKLA APLPEIPPDVVTECRLGLKEENPSKKAFEECTRVAHNYLRGEPFEEYQESSYFSQFL QWKWLERQPVTKNTRHYRVLGKGGFGEVCACQVRATGKMYACKKLQKKRIKKRK GEAMALNEKRILEKVQSRFVVSAYAYETKDALCLVLTIMNGGDLKFHIYNLGNPGFD EQRAVFYAAELCCGLEDLQRRERIVYRDLKPENILLDDRGHIRISDLGLATEIPEGQRV RGRVGTVGYPMAPEVVNNEKYTFSPDWWGLGCLYEMIQGHSPFKKYKEKVKWEEV DQRIKNDTEEYSEKFSEDAKSICRMLLTKNPSKRLGCRGEGAAGVKQHPVFKDINFR

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RLEANMLEPPFCPDPHAVYCKDVLIDIEQFSVKGIIYLDTADEDFYARFATGCVSIPW
QNEMIESGCFKDINKSESEEALPLDLDKNIHTPVSRPNRGFFYRLFRRGGCLTMVPS
EKEVEPKQC

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

GRK4 G protein-coupled receptor kinase 4 [Homo sapiens]

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_001004056

Protein Refseq

NP_001004056

MIM

137026

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