

Recombinant Human GRK5 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GRK5-1735H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GRK5 MS Standard C13 and N15-labeled recombinant protein (NP_005299) 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 their deactivation. It has also been shown to play a role in regulating the motility of polymorphonuclear leukocytes (PMNs).
Molecular Mass	67.8 kDa
AA Sequence	MELENIVANTVLLKAREGGGGKRGKSKKWKEILKFPHISQCEDLRRTIDRDYCSLC DKQPIGRLLFRQFCETRPGLECYIQFLDSVAEYVTPDEKLGEKGKEIMTKYLTPKSP VFIAQVGQDLVSQTEEKLLQKPCKELFSACAQSVHEYLRGEPFHEYLD SMFFDRFLQ WKWLERQPVTKNTRFRQYRVLGKGGFGEVCACQVRATGKMYACKRLEKKRIKKRKG ESMALNEKQILEKVNSQFVVNLAYAYETKDALCLVLTIMNGGDLKFHIYNMGNPGFE EERALFYAAEILCGLEDLHRENTVYRDLKPENILLDDYGHIRISDLGLAVKIPEGDLIRG RVGTVGYMAPEVLNNQRYGLSPDYWGLGCLYEMIEGQSPFRGRKEKVKREEVDR RVLETEEVYSHKFSEEAKSICKMLLTDAKQRLGCGEEGAAEVKRHPFFRNMNFKR

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LEAGMLDPPFVPDPRAVYCKDVLIDIEQFSTVKGVNLDHTDDDFYSKFSTGVSIPW
 QNEMIETECFKELNVFGPNGTLPPDLNRNHPPEPPKKGLLQRLFKRQHQNNSKSSP
 SSKTSFNHHINSNHVSSNSTGSSTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 GRK5 G protein-coupled receptor kinase 5 [Homo sapiens (human)]

Official Symbol GRK5

Synonyms GRK5; G protein-coupled receptor kinase 5; GPRK5; FP2025; g protein-coupled receptor kinase GRK5; FLJ39780;

Gene ID 2869

mRNA Refseq NM_005308

Protein Refseq NP_005299

MIM 600870

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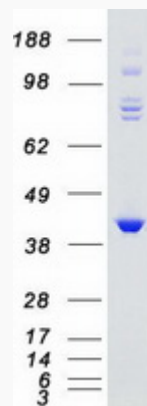
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UniProt ID

P34947

SDS-PAGE

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