

Product datasheet for **TP762271**

GRK4 (NM_182982) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human G protein-coupled receptor kinase 4 (GRK4), transcript variant 1, Met1-Arg245, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Met1-Arg245) of GRK4
Tag:	N-His
Predicted MW:	28.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_892027
Locus ID:	2868
UniProt ID:	P32298
RefSeq Size:	2321
Cytogenetics:	4p16.3
RefSeq ORF:	1734
Synonyms:	GPRK2L; GPRK4; GRK4a; IT11



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Summary:

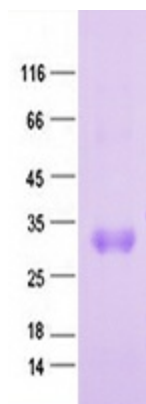
This gene encodes a member of the guanine nucleotide-binding protein (G protein)-coupled receptor kinase subfamily of the Ser/Thr protein kinase family. The protein phosphorylates the activated forms of G protein-coupled receptors thus initiating its deactivation. This gene has been linked to both genetic and acquired hypertension. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2013]

Protein Families:

Druggable Genome, Protein Kinase

Protein Pathways:

Chemokine signaling pathway, Endocytosis

Product images:

Purified recombinant protein GRK4 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.