

Recombinant Human GRK4 Protein, His-tagged

Cat. No. GRK4-392H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GRK4(Phe187~Phe449) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Phe187~Phe449
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.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	33.8kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

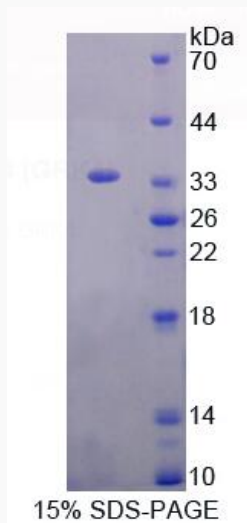
GENE INFORMATION

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
UniProt ID	P32298

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