Recombinant Human GRK3 Protein, His-tagged

Cat. No. GRK3-387H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GRK3(Phe191~Phe453) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Phe191~Phe453
Description	The beta-adrenergic receptor kinase specifically phosphorylates the agonist-occupied form of the beta-adrenergic and related G protein-coupled receptors. Overall, the beta adrenergic receptor kinase 2 has 85% amino acid similarity with beta adrenergic receptor kinase 1, with the protein kinase catalytic domain having 95% similarity. These data suggest the existence of a family of receptor kinases which may serve broadly to regulate receptor function.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	33.5kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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	If bio-activity of the protein is needed, please check active protein
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	GRK3 G protein-coupled receptor kinase 3 [Homo sapiens]
Official Symbol	GRK3
Synonyms	BARK2; ADRBK2; adrenergic, beta, receptor kinase 2; beta-ARK-2
Gene ID	157
mRNA Refseq	NM_005160
Protein Refseq	NP_005151
UniProt ID	P35626

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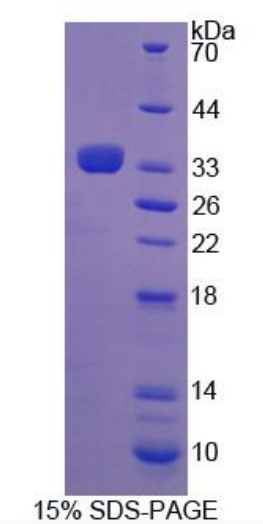

15% SDS-PAGE

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