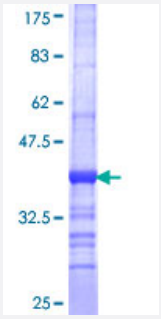
GRK5 (Human) Recombinant Protein (Q01)

Catalog # H00002869-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GRK5 partial ORF (AAH64506, 51 a.a. - 150 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	RDYCSLCDKQPIGRLLFRQFCETRPGLECYIQFLDSVAEYEVTPDEKLGEKGKEIMTKYLTPKSPV FIAQVGQDLVSQTEEKLLQKPCKELFSACAQSVH
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (93)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — GRK5

Entrez GeneID	2869
GeneBank Accession#	BC064506
Protein Accession#	AAH64506
Gene Name	GRK5
Gene Alias	GPRK5
Gene Description	G protein-coupled receptor kinase 5
Omim ID	600870
Gene Ontology	Hyperlink
Gene 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 their deactivation. It has also been shown to play a role in regulating the motility of polymorphonuclear leukocytes (PMNs). [provided by RefSeq
Other Designations	-

Pathway

- Chemokine signaling pathway
- Endocytosis

Disease

- Alzheimer Disease
- Anorexia Nervosa
- Asthma
- Bulimia
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Kidney Failure
- Narcolepsy
- Parkinson disease
- Recurrence
- Takotsubo Cardiomyopathy