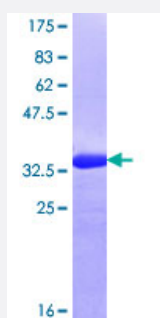


KCNK1 (Human) Recombinant Protein (Q01)

Catalog # H00003775-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human KCNK1 partial ORF (NP_002236.1, 265 a.a. - 336 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	ETFCElHELKKFRKMFYVKKDKDEDQVHlEHDLFSITDQAAGMKEDQKQNEPFVATQSSACVDGPANH
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	33.66
Interspecies Antigen Sequence	Mouse (79); Rat (86)
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 — KCNK1

Entrez GeneID	3775
GeneBank Accession#	NM_002245
Protein Accession#	NP_002236.1
Gene Name	KCNK1
Gene Alias	DPK, HOHO, K2p1.1, KCNO1, TWIK-1, TWIK1
Gene Description	potassium channel, subfamily K, member 1
Omim ID	601745
Gene Ontology	Hyperlink
Gene Summary	This gene encodes one of the members of the superfamily of potassium channel proteins containing two pore-forming P domains. The product of this gene has not been shown to be a functional channel, however, it may require other non-pore-forming proteins for activity. [provided by RefSeq]
Other Designations	OTTHUMP00000036029 potassium inwardly-rectifying channel, subfamily K, member 1

Disease

- [Atherosclerosis](#)
- [Calcinosis](#)
- [Coronary Artery Disease](#)