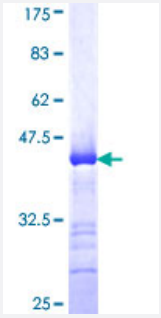
KCNK10 (Human) Recombinant Protein (Q01)

Catalog # H00054207-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human KCNK10 partial ORF (NP_066984, 439 a.a. - 538 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	SEDNIINKFGSTSRLTKRKNKDLKKTLPEDVQKIYKTFRNYSLDEEKKEEETEKMCNSDNSSTAML TDCIQQHAELENGMIPTDTKDREPENNSLLEDRN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
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 — KCNK10

Entrez GeneID	54207
GeneBank Accession#	NM_021161
Protein Accession#	NP_066984
Gene Name	KCNK10
Gene Alias	FLJ43399, K2p10.1, TREK-2, TREK2
Gene Description	potassium channel, subfamily K, member 10
Omim ID	605873
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to the family of potassium channel proteins containing two pore-forming P domains. This channel is an open rectifier which primarily passes outward current under physiological K+ concentrations, and is stimulated strongly by arachidonic acid and to a lesser degree by membrane stretching, intracellular acidification, and general anaesthetics. Several alternatively spliced transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq
Other Designations	2P domain potassium channel TREK2|TWIK-related K+ channel 2|outward rectifying potassium channel protein TREK-2|potassium channel TREK-2