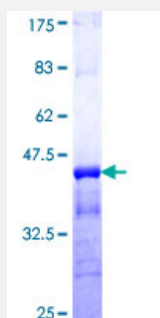


KCNC3 (Human) Recombinant Protein (Q01)

Catalog # H00003748-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human KCNC3 partial ORF (NP_004968, 671 a.a. - 757 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	ALAHEDCPAIDQPAMSPEDKSPITPGSRGRYSRDRACFLLTDYAPSPDGSIRKATGAPPLPPQD WRKPGPPSFLPDLNANAAAWISP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.31
Interspecies Antigen Sequence	Mouse (96)
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 — KCNC3

Entrez GeneID [3748](#)

GeneBank Accession# [NM_004977](#)

Protein Accession# [NP_004968](#)

Gene Name KCNC3

Gene Alias KSHIID, KV3.3, SCA13

Gene Description potassium voltage-gated channel, Shaw-related subfamily, member 3

Omim ID [176264](#) [605259](#)

Gene Ontology [Hyperlink](#)

Gene Summary The Shaker gene family of Drosophila encodes components of voltage-gated potassium channels and is comprised of four subfamilies. Based on sequence similarity, this gene is similar to one of these subfamilies, namely the Shaw subfamily. The protein encoded by this gene belongs to the delayed rectifier class of channel proteins and is an integral membrane protein that mediates the voltage-dependent potassium ion permeability of excitable membranes. [provided by RefSeq]

Other Designations Shaw-related voltage-gated potassium channel protein 3|voltage-gated potassium channel protein KV3.3

Disease

- [Spinocerebellar ataxia](#)
- [Spinocerebellar Ataxias](#)