

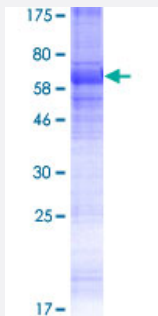
Full-Length

KCNK18 (Human) Recombinant Protein (P01)

Catalog # H00338567-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human KCNK18 full-length ORF (AA152980.1, 1 a.a. - 384 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEVSGHPQARRCCPEALGKLFPGLCFLCFLVTYALVGAVVFSAIEDGQVLVAADDGEFEKFLEE
LCRILNCSETVVEDRKQDLQGHLLQKVKPQWFNRTHWSFLSSLFFCCTVFSTVGYYYPVTRLG
KYL CMLYALFGIPLMFLVLTDTGDILATILSTSYNRFKFPFFTRPLL SKWCPKSLFKKKPDPKPAD
EAVPQIIISAEELPGPKLGTCPSPRSCSMELFERSHALEKQNTLQLPPQAMERSNSCPELVLGRL
SYSIISNLDEVGQQVERLDIPLPIALVFAYISCAAAILPFWETQLDFENAFYFCFVTLTTIGFGDTVLE
HPNFFLFFSYIVGMEMVFI AFKLVQNRLLIDYKNV MLFFAKGKFYHLVKK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

69.19

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 — KCNK18

Entrez GeneID	338567
GeneBank Accession#	BC152979
Protein Accession#	AA152980.1
Gene Name	KCNK18
Gene Alias	K2p18.1, TRESK, TRESK-2, TRESK2, TRIK
Gene Description	potassium channel, subfamily K, member 18
Gene Ontology	Hyperlink
Gene Summary	subfamily K
Other Designations	OTTHUMP00000020575 TWIK related spinal cord K+ channel TWIK-related individual K+ channel TWIK-related spinal cord K+ channel

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)