

Datasheet for ABIN7548666
KCNK10 Protein (AA 1-538) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	KCNK10
Protein Characteristics:	AA 1-538
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KCNK10 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant KCNK10 Protein expressed in mammalian cells.
Sequence:	<p>MFFLYTDFFL SLVAVPAAAP VCQPKSATNG QPPAPAPTPT PRLSISSRAT VVARMEGTSQ GGLQTVMKWK TVVAIFVVV VYLV TGGLVF RALEQPFESS QKNTIALEKA EFLRDHVCVS PQELETLIQH ALDADNAGVS PIGNSSNNS HWDLGSAFFF AGTVITTIGY GNIAPSTEGG KIFCILYAIF GIPLFGFLA GIGDQLGTIF GKSIARVEKV FRKKQVSQTK IRVISTILFI LAGCIVFVTI PAVIFKYIEG WTALESYFV VVTLTTVGFG DfvAGGNAGI NYREWYKPLV WFWILVGLAY FAAVLSMIGD WLRVLSKTK EEVGEIKAHA AEWKANVTAE FRETRRRLSV EIHDKLQRAA TIRSMERRRL GLDQRAHSLD MLSPEKRSVF AALDTGRFKA SSQESINNRP NNLRLKGPEQ LNKHGQGASE DNIINKFGST SRLTKRKNKD LKKTLPEDVQ KIYKTRFNYS LDEEKKEEET EKMCNSDNSS TAMLTDCIQQ HAELENGMIP TDTKDREPEN NSLLEDNRN Sequence without tag.</p> <p>The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>

Product Details

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: KCNK10

Alternative Name: [KCNK10 \(KCNK10 Products\)](#)

Background: Potassium channel subfamily K member 10 (Outward rectifying potassium channel protein TREK-2) (TREK-2 K(+) channel subunit),FUNCTION: Outward rectifying potassium channel. Produces rapidly activating and non-inactivating outward rectifier K(+) currents. Activated by arachidonic acid and other naturally occurring unsaturated free fatty acids.

Molecular Weight: 59.8 kDa

UniProt: [P57789](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months