

Datasheet for ABIN7548777

KCNK17 Protein (AA 1-332) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	KCNK17
Protein Characteristics:	AA 1-332
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KCNK17 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant KCNK17 Protein expressed in mammalian cells.
Sequence:	MYRPRARAAP EGRVRGCAVP STVLLLLLAYL AYLALGTGVF WTLEGRAAQD SSRSFQRDKW ELLQNFTCLD RPALDSLIRD VVQAYKNGAS LLSNTTSMGR WELVGSFFFS VSTITTIGYG NLSPTMAAR LFCIFFALVG IPLNLVVLNR LGHLMQQGVN HWASRLGGTW QDPDKARWLA GSGALLSGLL LLLLLPPLLF SHMEGWSYTE GFYFAFITLS TVGFGDYVIG MNPSQRYPLW YKNMVSILWIL FGMAWLALII KLILSQLETP GRVCSCHHS SKEDFKSQSW RQGPDPREPES HSPQQGCYPE GPMGIIQHLE PSAHAAGCGK DS Sequence without tag. 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.
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:

Product Details

- 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:	KCNK17
Alternative Name:	KCNK17 (KCNK17 Products)
Background:	Potassium channel subfamily K member 17 (2P domain potassium channel Talk-2) (Acid-sensitive potassium channel protein TASK-4) (TWIK-related acid-sensitive K(+) channel 4) (TWIK-related alkaline pH-activated K(+) channel 2) (TALK-2),FUNCTION: Outward rectifying potassium channel. Produces rapidly activating and non-inactivating outward rectifier K(+) currents.
Molecular Weight:	36.9 kDa
UniProt:	Q96T54

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.
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