

Product datasheet for PH306399

KCNK17 (NM_031460) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	KCNK17 MS Standard C13 and N15-labeled recombinant protein (NP_113648)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206399
Predicted MW:	36.9 kDa
Protein Sequence:	>RC206399 protein sequence Red =Cloning site Green =Tags(s) MYRPRARAAPEGRVRCVAVPGTVLLLLAYLAYLALGTGVFWTLEGRAAQDSSRSFQRDKWELLQNFTCLD RPALDSLIRDVVQAYKNGASLLSNTTSMGRWELVGSFFFSVSTITITIGYGNLSPNTMAARLFCIFFALVG IPLNLVVLNRLGHLMQQGVNHASRLGGTWQDPDKARWLAGSGALLSGLLLFLLLPPLLFHMEGWSYTE GFYFAFITLSTVGFGDYVIGMNPSQRYPLWYKNMVSLWILFGMAWLALIKLILSQLETPGRVCSCHHS SKEDFKSQSWRQGPDPREPESHSPQQGCYPEGPMGIQHLPESAHAAGCGKDS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_113648</u>
RefSeq Size:	1589
RefSeq ORF:	996
Synonyms:	K2p17.1; TALK-2; TALK2; TASK-4; TASK4
Locus ID:	89822



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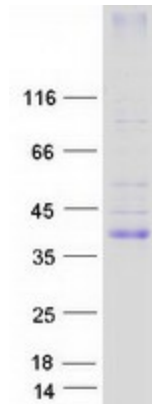
UniProt ID: [Q96T54](#)

Cytogenetics: 6p21.2

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. This gene is activated at alkaline pH. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2008]

Protein Families: Druggable Genome, Ion Channels: Potassium, Transmembrane

Product images:



Coomassie blue staining of purified KCNK17 protein (Cat# [TP306399]). The protein was produced from HEK293T cells transfected with KCNK17 cDNA clone (Cat# [RC206399]) using MegaTran 2.0 (Cat# [TT210002]).