

Product datasheet for **TP306399M**

KCNK17 (NM_031460) Human Recombinant Protein

Product data:

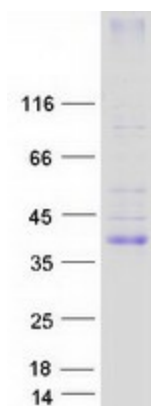
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human potassium channel, subfamily K, member 17 (KCNK17), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206399 protein sequence Red =Cloning site Green =Tags(s)
	<p>MYRPRARAAPEGRVRCACVPGTVLLLLLAYLAYLALGTGVFWTLEGRAAQDSSRSFQRDKWELLQNFTCLD RPALDSLIRDVWQAYKNGASLLSNTTSMGRWELVGSFFFSVTITTIGYGNLSPNTMAARLFCIFFALVG IPLNLVVLNRLGHLMQQGVNHWASRLGGTWQDPDKARWLAGSGALLSGLLLFLLPPLLFSHMEGWSYTE GFYFAFITLSTVGFVDYVIGMNPQRYPLWYKNMVSLWILFGMAWLALIILKLSQLETPGRVCSCHHS SKEDFKSQSWRQGPDPREPESHSPQQGCYPEGPMGIIQHLEPSAHAAGCGKDS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	36.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_113648
Locus ID:	89822



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UniProt ID:	Q96T54
RefSeq Size:	1589
Cytogenetics:	6p21.2
RefSeq ORF:	996
Synonyms:	K2p17.1; TALK-2; TALK2; TASK-4; TASK4
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]).