

## Product datasheet for TP306399

### KCNK17 (NM\_031460) Human Recombinant Protein

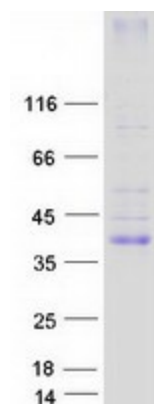
#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human potassium channel, subfamily K, member 17 (KCNK17), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206399 protein sequence <span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s)  MYRPRARAAPEGRVRGCAVPGTVLLLLLAYLAYLALGTGVFWTLEGRAAQDSSRSFQRDKWELLQNFTCLD RPALDSLIRDVVQAYKNGASLLSNTTSMGRWELVGSFFFSVTITTIGYGNLSPNTMAARLFCIFFALVG IPLNLVVLNRLGHLMQQGVNHWASRLGGTWQDPDKARWLAGSGALLSGLLLFLLPPLLFSHMEGWSYTE GFYFAFITLSTVGFGDYVIGMNPSQRYPLWYKNMVSLWILFGMAWLALIILKLSQLETPGRVCSCHHS SKEDFKSQSWRQGPDPREPESHSPQQGCYPEGPMGIIQHLEPSAHAAGCGKDS  <span style="color: red;">TR</span> <span style="color: green;">TRPLEQKLISEEDLAANDILDYKDDDDKV</span>
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:	<a href="#">NP_113648</a>
Locus ID:	89822


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UniProt ID:	<u>Q96T54</u>
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 <sup>+</sup> 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]).