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Product datasheet for TP302421M

KCNK6 (NM_004823) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human potassium channel, subfamily K, member 6 (KCNK6), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202421 protein sequence Red=Cloning site Green=Tags(s) MRRGALLAGALAAYAAYLVLGALLVARLEGPHEARLRAELETLRAQLLQRSPCVAAPALDAFVERVLAAG RLGRVVLANASGSANASDPAWDFASALFFASTLITTVGYGYTTPLTDAGKAFSIAFALLGVPTTMLLLTA SAQRLSLLLTHVPLSWLSMRWGWDPRRAACWHLVALLGVVVTVCFLVPAVIFAHLEEAWSFLDAFYFCFI SLSTIGLGDYVPGEAPGQPYRALYKVLVTVYLFLGLVAMVLVLQTFRHVSDLHGLTELILLPPPCPASFN ADEDDRVDILGPQPESHQQLSASSHTDYASIPR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	33.6 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_004814
Locus ID:	9424

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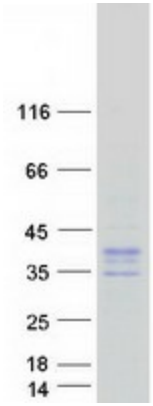
UniProt ID:	Q9Y257, B2RDS2
RefSeq Size:	2671
Cytogenetics:	19q13.2
RefSeq ORF:	939
Synonyms:	K2p6.1; KCNK8; TOSS; TWIK-2; TWIK2
Summary:	This gene encodes one of the members of the superfamily of potassium channel proteins containing two pore-forming P domains. This channel protein, considered an open rectifier, is widely expressed. It is stimulated by arachidonic acid, and inhibited by internal acidification and volatile anaesthetics. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome, Ion Channels: Potassium, Transmembrane

Product images:



Coomassie blue staining of purified KCNK6 protein (Cat# [TP302421]). The protein was produced from HEK293T cells transfected with KCNK6 cDNA clone (Cat# [RC202421]) using MegaTran 2.0 (Cat# [TT210002]).