

Product datasheet for PH302421

KCNK6 (NM_004823) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	KCNK6 MS Standard C13 and N15-labeled recombinant protein (NP_004814)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202421
Predicted MW:	33.7 kDa
Protein Sequence:	>RC202421 protein sequence Red=Cloning site Green=Tags(s) MRRGALLAGALAAAYAAYLVLGALLVARLEGPHEARLRAELET LRAQLLQRSPCVAAPALDAFVERVLAAG RLGRVVLANASGSANASDPAWDFASALFFASTLITTVGYGTTPLTDAGKAFSIAFALLGVPTTMLLLTA SAQRLSLLLTHVPLSWLSMRWGWDPRAACWHLVALLGVVTVCF LVPVIFAHLEEAWSF LDAFYFCFI SLSTIGLGDYVPG EAPGQPYRALYKVLVTYYLFLGLVAMVLVLQTFRHVSDLHGL TELILLPPPCPASFN ADEDDRVDILGPQPE SHQQLSASSHTDYASIPR TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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:	NP_004814
RefSeq Size:	2671
RefSeq ORF:	939
Synonyms:	K2p6.1; KCNK8; TOSS; TWIK-2; TWIK2
Locus ID:	9424



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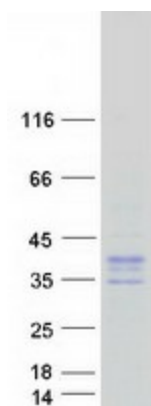
UniProt ID: [Q9Y257](#), [B2RDS2](#)

Cytogenetics: 19q13.2

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]).