

Product datasheet for TP316336M

OriGene Technologies, Inc.

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KCNJ9 (NM_004983) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human potassium inwardly-rectifying channel, subfamily J, member 9

(KCNJ9), 100 µg

Species: Human
Expression Host: HEK293T

Expression cDNA Clone >RC216336 representing NM_004983

or AA Sequence: Red=Cloning site Green=Tags(s)

MAQENAAFSPGQEEPPRRRGRQRYVEKDGRCNVQQGNVRETYRYLTDLFTTLVDLQWRLSLLFFVLAYAL TWLFFGAIWWLIAYGRGDLEHLEDTAWTPCVNNLNGFVAAFLFSIETETTIGYGHRVITDQCPEGIVLLL LQAILGSMVNAFMVGCMFVKISQPNKRAATLVFSSHAVVSLRDGRLCLMFRVGDLRSSHIVEASIRAKLI RSRQTLEGEFIPLHQTDLSVGFDTGDDRLFLVSPLVISHEIDAASPFWEASRRALERDDFEIVVILEGMV EATGMTCQARSSYLVDEVLWGHRFTSVLTLEDGFYEVDYASFHETFEVPTPSCSARELAEAAARLDAHLY

WSIPSRLDEKVEEEGAGEGAGGEAGADKEQNGCLPPPESESKV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 43.8 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 004974





Locus ID: 3765

UniProt ID: Q92806 RefSeq Size: 3029 Cytogenetics: 1q23.2 RefSeq ORF: 1179

Synonyms: GIRK3; KIR3.3

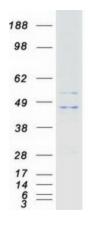
Summary: Potassium channels are present in most mammalian cells, where they participate in a wide

> range of physiologic responses. The protein encoded by this gene is an integral membrane protein and inward-rectifier type potassium channel. The encoded protein, which has a greater tendency to allow potassium to flow into a cell rather than out of a cell, is controlled by G-proteins. It associates with another G-protein-activated potassium channel to form a

heteromultimeric pore-forming complex. [provided by RefSeq, Jul 2008]

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

Product images:



Coomassie blue staining of purified KCNJ9 protein (Cat# [TP316336]). The protein was produced from HEK293T cells transfected with KCNJ9 cDNA clone (Cat# [RC216336]) using MegaTran 2.0

(Cat# [TT210002]).