

Product datasheet for TP523106

Kcnq4 (NM_001081142) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse potassium voltage-gated channel, subfamily Q, member 4 (Kcnq4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR223106 representing NM_001081142 Red=Cloning site Green=Tags(s)

MAEAPRRRLGLGPPPGDAPRAELVALTAVQSEQGEAGGGGSPRRRLGLLGSPLPPGAPLPGPGSGSGSACG
GQRSSAAQKRYRRLQNWVYNVLERPRGWAFVYHVFIFLLVFSCLVLSVLSTIQEHQELANECLLILEFVM
IVFGLLEYIIRVWSAGCCCRYRGWQGRFRFARKPFCVIDFIVFVASVAVIAAGTQGNIFATSALRSMRFL
QILRMVRMDRRGGTGWKLLGSVYAHSKELITAWYIGFLVLIFASFLVYLAEKDANSDFSSYADSLWWGTI
TLTTIGYGDKTPHTWLGRVLAAGFALLGISFFALPAGILGSGFALKVQEQRQKHFEKRRMPAANLIQAA
WRLYSTDTSRAYLTATWYYYDSILPSFRELALLFEHIQRARNGLRPLEVRRAPVPDGA PSRYPPVATCH
RPGSASFPGESSRMGIKDRIRISSQKRTGPSKQHLAPPIPTSPSEQVGEASSPSKVQKSWSFNDRT
RFRASLRLKPRCSAEEGPSEEVAAEESYQCELTVDVMPAVKTVIRSVRILKFLVAKRKFKETLRPYDVK
DVIEQYSAGHLDMLGRIKSLQARVDQIVGRGPGDRKTRKGDGKGPSDTEAVDEISMMGRVVKVEKQVQSI
EHLKDLLLGFYSRCLRSRGTASLGTQVPLFDPDITSDYHSPVDHEDISVSAQTLISRVSSTNMD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	77.5 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
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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_001074611](#)

Locus ID: 60613

UniProt ID: [Q9JK97](#)

RefSeq Size: 2512

Cytogenetics: 4 D2.2

RefSeq ORF: 2088

Summary: Probably important in the regulation of neuronal excitability. May underlie a potassium current involved in regulating the excitability of sensory cells of the cochlea.[UniProtKB/Swiss-Prot Function]