Product datasheet for TP526154

Scn4b (NM_001013390) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse sodium channel, type IV, beta (Scn4b), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR226154 representing NM_001013390 Red=Cloning site Green=Tags(s) MSRAGNRGNTQARWLGTGLLGLFLLPMYLSLEVSVGKATTIYAINGSSILLPCTFSSCYGFENLYFKWSY NNSETSRILIDGIVKNDKSDPKVRVKDDDRITLEGSTKEKTNNISILLSDLEFSDTGRYTCFVRNPKEKD LNNSATIFLQVVDKLEKVDNTVTLIILAVVGGVIGLLVCILLLKKLITFILKKTREKKKECLVSSSGNDN TENGLPGSKAEEKPPTKV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	25.6 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
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.
RefSeq:	NP_001013408
Locus ID:	399548
UniProt ID:	Q7M729, Q1MXF9
RefSeq Size:	4244

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Cytogenetics:	9 A5.2

RefSeq ORF:	684
Synonyms:	Gm1471
Summary:	Modulates channel gating kinetics. Causes negative shifts in the voltage dependence of activation of certain alpha sodium channels, but does not affect the voltage dependence of inactivation. Modulates the susceptibility of the sodium channel to inhibition by toxic peptides from spider, scorpion, wasp and sea anemone venom (By similarity).[UniProtKB/Swiss-Prot Function]