

## Product datasheet for TP502358

### Scn3b (NM\_153522) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse sodium channel, voltage-gated, type III, beta (Scn3b), transcript variant 1, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202358 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MPAFNRLPLASLVLIYWVRVCFVPCVEVPSETEAVQGNMMLRCISCMKREEVEATTWEVWFYRPEGGK DFLIYEYRNGHQEVESPFQGRQLQWNGSKDLQDVSITVLNVTLNDSGLYTCNVSREFEFAHRPFVKTTRL IPLRVTEEAGEDFTSVSEIMMYILLVFLTLWLFIEMIYCYRKVSKAEAAQENASDYLAIPSENKENS VPVEE
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	24.8 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
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.
Locus ID:	235281
UniProt ID:	<a href="#">Q8BHK2</a>
RefSeq Size:	4542
Cytogenetics:	9 A5.1



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RefSeq ORF: 648

Synonyms: 1110001K16Rik; 4833414B02Rik; Scnb3

**Summary:** Modulates channel gating kinetics. Causes unique persistent sodium currents. Inactivates the sodium channel opening more slowly than the subunit beta-1. Its association with NFASC may target the sodium channels to the nodes of Ranvier of developing axons and retain these channels at the nodes in mature myelinated axons (By similarity).[UniProtKB/Swiss-Prot Function]