

Product datasheet for TP509321

Dtnb (NM_007886) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse dystrobrevin, beta (Dtnb), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209321 protein sequence Red =Cloning site Green =Tags(s) MIEEGGNKRKRTMAEKRQLFIEMRAQNFVIRLSTYRTACKLRFVQKRCNLHLVDIWNMIEAFRDNGLNTL DHSTEISVSRLLETVISSIIYQLNKRLPSTHQISVEQISLLLLNFMVAAYDSEGRGKLTVFSVKAMLATMC GGKMLDKLRYIFSQMSDSNGLMMFGKLDQFLKEALKLPTAVFEGPSFGYTEHAVRTCFPQQKIMLNMFL DTMMADPPPQCLVWLPLMHRLAHVENVFHPVECSYCHCESMMGFRYRCQQCHNYQLCQNCFWRGHASGAH SNQHQMKEHSSWKSPAKKLSHAISKSLGCVPSREPPHPVFPEQPEKPLDLAHLVPPRPLTNMNDTVVSHM SSGVPTPTKRLQYSQDMPNLLADEHALIASYVARLQHCTRVLDSPSRLDEEHRLIARYAARLAAEAGNMT RPPTDASFNFDANKQQRQLIAELENKNREILQEIQRLRLEHEQASQPTPEKAQQNPMLLAELRLLRQRKD ELEQRMSALQESRRELMVQLEGLMKLLKAQATGSPHTSPTHGGGRPMPMPVRSTSAGSTPTHGPQDSLGS VGGDVQEAFAQGTRRNLNRNDLLVAADSITNTMSSLVKELHSG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	68.2 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_031912](#)

Locus ID: 13528

UniProt ID: [Q8K0N0](#)

RefSeq Size: 2326

Cytogenetics: 12 1.88 cM

RefSeq ORF: 1809

Synonyms: dtn-b

Summary: Scaffolding protein that assembles DMD and SNTA1 molecules to the basal membrane of kidney cells and liver sinusoids (PubMed:11585924). May function as a repressor of the SYN1 promoter through the binding of repressor element-1 (RE-1), in turn regulates SYN1 expression and may be involved in cell proliferation regulation during the early phase of neural differentiation (PubMed:20530487). May be required for proper maturation and function of a subset of inhibitory synapses (PubMed:16540561).[UniProtKB/Swiss-Prot Function]