

Product datasheet for **TP521578**

Tnnt1 (NM_011618) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse troponin T1, skeletal, slow (Tnnt1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR221578 representing NM_011618 Red =Cloning site Green =Tags(s)
	 MSDTEEQEYEEEAQAEDEEAVEEEEEAPEEPEPVAEREERPKPSRPVWPPLIPPKIPEGERVDFDDIHRKRM EKDLLELQTLIDVHFEQRKKEEELIALKDRIERRAERAQQRFRTKERERQAKLAEEMRKEEEAK KRAEDDAKKKVLNSMGAHFGGYLVKAEQKRGKRQTGREMKLRILSERKKPLNIDYMGEDQLREKAQELS EWIHQLESEKFDLMEKLGKQKYEINVLYNRISHAQKFRKGAGKGRVGGRWK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	31.2 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.
RefSeq:	NP_035748
Locus ID:	21955
UniProt ID:	O88346 , Q3TVB8
RefSeq Size:	1027



[View online »](#)

Cytogenetics: 7 2.6 cM

RefSeq ORF: 783

Synonyms: AW146156; ss; ssTnT; sT; sTnT; Tn; Tnt

Summary: This gene encodes the slow skeletal tropomyosin-binding subunit of the troponin complex and plays an essential role in the regulation of striated muscle contraction. In humans, mutations in this gene are associated with nemaline myopathy type 5. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Apr 2013]