

## Product datasheet for TP501758

### Tnni1 (NM\_001112702) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse troponin I, skeletal, slow 1 (Tnni1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201758 protein sequence Red=Cloning site Green=Tags(s)
	MPEVERKSKITASRKLMLKSLMLAKAKECWEQEHEEREAEKVRYLSERIPTLQTRGLSLSALQDLCRELH AKVEVVDDEERYDIEAKCLHNTREIKDLKLVLDLRGKFKRPPPLRRVRVSADAMLRLALLGSKHKVSMDLRA NLKSVKEDTEKERPVEVGDWWRKNVEAMSGMEGRKKMFDAAKSPTSQ
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	21.7 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:	<u><a href="#">NP_001106173</a></u>
Locus ID:	21952
UniProt ID:	<u><a href="#">Q9WUZ5</a></u>
RefSeq Size:	1038
Cytogenetics:	1 59.28 cM



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RefSeq ORF: 564

Synonyms: 2700018B22Rik; AI747285; ssTnl

Summary: Troponin I is the inhibitory subunit of troponin, the thin filament regulatory complex which confers calcium-sensitivity to striated muscle actomyosin ATPase activity.[UniProtKB/Swiss-Prot Function]