

## Product datasheet for TP503638

### Tnnt3 (NM\_001163665) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse troponin T3, skeletal, fast (Tnnt3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203638 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MSDEETEQVEEQYEEEEEAQEEEVQEEAPEPEEVQEDAVAEEREEDDEEEKPRPKLTAPKIPEGEKVD DDIQKKRQNKDLMELQALIDSHFEARKKEEEELIALKERIEKRRRAERAEQQRIRAEKERERQNR LAEKA RREEDAKRRAEDDMKKKKALSSMGANYSSYLAKADQKRGKKQTAREMKKKILAERRKPLNIDHLSDDKL RDKAKELWDTLYQLETDKFEFGKLRQKYDIMITVRARVEMLAKFSKKAGATAKGVGGRWK
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	32.3 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:	<a href="#">NP_001157137</a>
Locus ID:	21957
UniProt ID:	<a href="#">Q9QZ47</a> , <a href="#">A0A0R4J1B0</a>
RefSeq Size:	1108



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Cytogenetics: 7 87.94 cM

RefSeq ORF: 819

Synonyms: fTnT

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