

## Product datasheet for TP523331

### Tnnt2 (NM\_001130179) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse troponin T2, cardiac (Tnnt2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR223331 representing NM_001130179 Red=Cloning site Green=Tags(s)

MPCPQVPAAEQIPQDLCAVPVQRAESMSDAEEVVEEYEEEQEEAVEEQEEAVEEEEEAGGAEPPEPEGEA  
ETEEANVEEVGPDEEAKDAEEGPVEDTKPKPSRLFMPNLVPPKIPDGERVDFDDIHRKRVEKDLNELQTL  
IEAHFENRKKEEELISLKDRIEKRAERAEQQRIRNEREKERQNRLAEERARREEEENRRKAEDARKK  
KALSNMMHFGGYIQKQAQTERKSGKRQTEREKKKILAERRKALAIIDLHNLNEDQLREKAKELWQSIHNLEA  
EKFDLQEKFKQKYEINVLNRINDNQKVSCTRKGAKVTGRWK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	38.4 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_001123651</a>
Locus ID:	21956
UniProt ID:	<a href="#">P50752</a>



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RefSeq Size: 1177

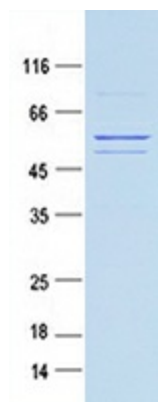
Cytogenetics: 1 59.32 cM

RefSeq ORF: 969

Synonyms: cTnT; Tnt

**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]

### Product images:



Purified recombinant protein Tnnt2 was analyzed by SDS-PAGE gel and Coomossie Blue Staining.