Recombinant Mouse Tnnt1 Protein, Myc/DDK-tagged

Cat. No. Tnnt1-6570M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length troponin T1, skeletal, slow (Tnnt1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	31.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Tnnt1 troponin T1, skeletal, slow [Mus musculus (house mouse)]
Official Symbol	Tnnt1
Synonyms	TNNT1; troponin T1, skeletal, slow; troponin T, slow skeletal muscle; tnTs; skeletal muscle slow-twitch TnT; slow skeletal muscle troponin T; Tnt; sTnT; ssTnT; AW146156
Gene ID	21955
mRNA Refseq	NM_011618
Protein Refseq	NP_035748
UniProt ID	O88346

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA