

Recombinant Human TNNC1 Protein, DDK-tagged

Cat. No. TNNC1-154H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNNC1 fused with DDK tag at C-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
Description	Troponin is the central regulatory protein of striated muscle contraction. Tn consists of three components: Tn-I which is the inhibitor of actomyosin ATPase, Tn-T which contains the binding site for tropomyosin and Tn-C. The binding of calcium to Tn-C abolishes the inhibitory action of Tn on actin filaments.
Form	50mM Tris-HCl, pH8.0, 100mM glycine, 10% glycerol.
Molecular Mass	18.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	TNNC1 troponin C type 1 (slow) [Homo sapiens]
Official Symbol	TNNC1

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Synonyms	TNNC1; troponin C type 1 (slow); TNNC, troponin C, slow; troponin C, slow skeletal and cardiac muscles; troponin C1, slow; cardiac troponin C; slow twitch skeletal/cardiac muscle troponin C; TNC; TN-C; TNNC; CMD1Z; CMH13;
Gene ID	7134
mRNA Refseq	NM_003280
Protein Refseq	NP_003271
MIM	191040
UniProt ID	P63316

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