

Native Human TNNC1 protein

Cat. No. TNNC1-25H Lot. No. (See product label)

SPECIFICATION

Product Overview	Native Human TNNC1 protein was purified from Human Heart.
Species	Human
Source	Human Heart
Form	Solution in sodium chloride, sodium phosphate, 0.05% sodium azide.
Molecular Mass	~18,000 Da
Purity	> 95% (SDS-PAGE)
Storage	Store at -20 centigrade

GENE INFORMATION

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

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mRNA Refseq	NM_003280
Protein Refseq	NP_003271
MIM	191040
UniProt ID	P63316
Chromosome Location	3p21.1
Pathway	Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; Cardiac muscle contraction, organism-specific biosystem; Cardiac muscle contraction, conserved biosystem; Dilated cardiomyopathy, organism-specific biosystem; Dilated cardiomyopathy, conserved biosystem; Hypertrophic cardiomyopathy (HCM), organism-specific biosystem;
Function	actin filament binding; calcium ion binding; calcium-dependent protein binding; protein binding; protein homodimerization activity; troponin I binding; troponin I binding; troponin T binding;