

## Native Human TNNC1 protein

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

### SPECIFICATION

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

### GENE INFORMATION

<b>Gene Name</b>	TNNC1 troponin C type 1 (slow) [ Homo sapiens ]
<b>Official Symbol</b>	TNNC1
<b>Synonyms</b>	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;
<b>Gene ID</b>	7134

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<b>mRNA Refseq</b>	NM_003280
<b>Protein Refseq</b>	NP_003271
<b>MIM</b>	191040
<b>UniProt ID</b>	P63316
<b>Chromosome Location</b>	3p21.1
<b>Pathway</b>	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;
<b>Function</b>	actin filament binding; calcium ion binding; calcium-dependent protein binding; protein binding; protein homodimerization activity; troponin I binding; troponin I binding; troponin T binding;

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