

## Recombinant Human TNNC1, GST-tagged

Cat. No. TNNC1-3329H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TNNC1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-161aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### 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;

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<b>Gene ID</b>	7134
<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 bio
<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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