

## Recombinant Human TNNC1, None tagged

Cat. No. TNNC1-150H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TNNC1 (NP_003271.1) (Met1-Glu161), fused with None, was produced in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-161 a.a.
<b>Predicted N Terminal</b>	Ser 21
<b>Form</b>	Lyophilized from sterile 150 mM NaCl, 10 mM Na <sub>2</sub> HPO <sub>4</sub> , pH 7.5. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human TNNC1 consists of 161 amino acids and has a predicted molecular mass of 18.4 kDa. The apparent molecular mass of it is approximately 20 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	>90 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.
<b>Storage</b>	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Gene Name** [TNNC1 troponin C type 1 \(slow\) \[ Homo sapiens \]](#)

**Official Symbol** [TNNC1](#)

**Gene ID** [7134](#)

**mRNA Refseq** [NM\\_003280](#)

**Protein Refseq** [NP\\_003271](#)

**MIM** [191040](#)

**UniProt ID** [P63316](#)

**Chromosome Location** [3p21.1](#)

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