

Recombinant Human TNNC1, None tagged

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

SPECIFICATION

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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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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