

Recombinant Human TNNT1 protein, His-tagged

Cat. No. TNNT1-7947H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNNT1 protein(Met1~Gly259), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1~Gly259
Tag	N-His
Form	Liquid in sterile PBS, pH7.4, 0.1% SKL.
Molecular Mass	The protein has a calculated MW of 32 kDa.
Endotoxin	<1.0EU per 1µg (determined by the LAL method).
Purity	> 90 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	0.64 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

AA Sequence

MGHHHHHSGSEFMSDTEEQEYEEEQPEEEAAEEEEEAPEEPEPVAEPEEEERPKP
 SRPVVPPLIPPKIPEGERVDFDDIHRKRMEKDLELQTLIDVHFEQRKKEEEELVALKE
 RIERRRSERAEQQRFRTEKERERQAKLAEEKMRKEEEEAKKRAEDDAKKKKVLSN
 MGAHFGGYLVKAEQKRGKRQTGREMKVRILSERKKPLDIDYMGEEQLREKAQELS
 DWIHQLESEKFDLMAKLKQQKYEINVLYNRISHAQKFRKGAGKGRVGG

GENE INFORMATION

Gene Name [TNNT1 troponin T type 1 \(skeletal, slow\) \[Homo sapiens \]](#)

Official Symbol [TNNT1](#)

Synonyms TNNT1; troponin T type 1 (skeletal, slow); troponin T1, skeletal, slow; troponin T, slow skeletal muscle; ANM; FLJ98147; MGC104241; slow skeletal muscle troponin T; STNT; TNT; TSTS; troponin T1; skeletal; slow; troponin-T1, skeletal, slow;

Gene ID [7138](#)

mRNA Refseq [NM_001126132](#)

Protein Refseq [NP_001119604](#)

MIM [191041](#)

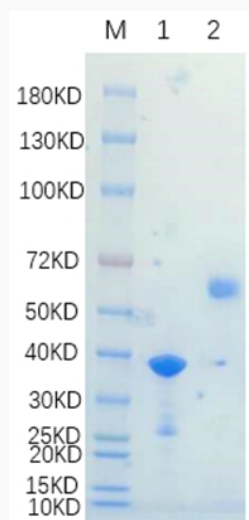
UniProt ID [P13805](#)

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SDS-PAGE



Lane 1: TNNT1-7947H; Lane 2: BSA

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