Recombinant Human TNNT2 protein, His-tagged

Cat. No. TNNT2-871H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNNT2 protein(P45379)(291aa), fused with His Tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	291aa
Form	1xPBS, 5% Glycerol, pH7.4
Molecular Mass	35.3kDa
AA Sequence	MHHHHHHSDI EEVVEEYEEE EQEEAAVEEQ EEAAEEDAEA EAETEETRAE EDEEEEEAKE AEDGPMEESK PKPRSFMPNL VPPKIPDGER VDFDDIHRKR MEKDLNELQA LIEAHFENRK KEEEELVSLK DRIERRRAER AEQQRIRNER EKERQNRLAE ERARREEEEN RRKAEDEARK KKALSNMMHF GGYIQKTERK SGKRQTEREK KKKILAERRK VLAIDHLNED QLREKAKELW QSIYNLEAEK FDLQEKFKQQ KYEINVLRNR INDNQKVSKT RGKAKVTGRW K
Endotoxin	< 1EU/μg

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Purity	>95%(SDS-PAGE & RP-HPLC)
Storage	If the sample is used within 2-4 weeks, it can be stored at low temperature at 4°C. For long-term storage, it is recommended to add carrier protein (0.1% HSA or BSA) and store at -20~ -80°C. Avoid multiple freeze-thaws.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	TNNT2 troponin T type 2 (cardiac) [Homo sapiens]
Official Symbol	TNNT2
Synonyms	TNNT2; troponin T type 2 (cardiac); cardiomyopathy, hypertrophic 2 , CMH2, troponin T2, cardiac; troponin T, cardiac muscle; troponin T2, cardiac; cardiac muscle troponin T; cardiomyopathy, hypertrophic 2; cardiomyopathy, dilated 1D (autosomal dominant); CMH2; RCM3; TnTC; cTnT; CMPD2; LVNC6; MGC3889;
Gene ID	7139
mRNA Refseq	NM_000364
Protein Refseq	NP_000355
MIM	191045
UniProt ID	P45379

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