

Recombinant Human cTnT Protein

Cat. No. TNNT2-1051H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human cardiac troponin T antigen (isoform 6) with a C-terminal histidine tag. Predicted molecular weight: 36 kDa.
Species	Human
Source	E.coli
Form	Troponins form a complex of three regulatory proteins (troponin C, I and T) that are integral to muscle contraction in skeletal and cardiac muscles. Serum cardiac troponin tests can be used to help diagnose several different heart disorders, especially myocardial infarction.
Molecular Mass	36 kDa
Purity	N/A
Storage	2–8 centigrade
Concentration	0.5 mg/ml when reconstituted with 200 µof deionized water
Storage Buffer	50 mM Tris-HCl, pH 7.5; 150 mM NaCl, 4 M urea; containing 3 % sucrose, 2 % Dmannitol and 0.01 % Tween 20 as stabilizers

GENE INFORMATION

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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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