

## Recombinant Human cTnT Protein

TNNT2-1051H Human

Lot. No. (See product label)

### Specification

<b>Product Overview</b>	Recombinant Human cardiac troponin T antigen (isoform 6) with a C-terminal histidine tag. Predicted molecular weight: 36 kDa.
<b>Source</b>	E. coli
<b>Species</b>	Human
<b>Tag</b>	His
<b>Form</b>	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.
<b>Molecular Mass</b>	36 kDa
<b>Purity</b>	N/A
<b>Storage</b>	2–8 centigrade
<b>Concentration</b>	0.5 mg/ml when reconstituted with 200 µl of deionized water
<b>Storage Buffer</b>	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

<b>Gene Name</b>	<a href="#">TNNT2 troponin T type 2 (cardiac) [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">TNNT2</a>
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">7139</a>
<b>mRNA Refseq</b>	<a href="#">NM_000364</a>
<b>Protein Refseq</b>	<a href="#">NP_000355</a>
<b>MIM</b>	<a href="#">191045</a>
<b>UniProt ID</b>	<a href="#">P45379</a>

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