

Human Recombinant Troponin T

10/20

CATALOG NO:	P1608-10 10 µg P1608-50 50 µg
ALTERNATE NAMES:	Troponin T type 2 cardiac isoform 3, troponin T, cardiac muscle isoform 3, CMH2, CMPD2, cTnT, RCM3, TnTC, Cardiac muscle troponin T, TNNT 2, Cardiomyopathy hypertrophic 2, Cardiomyopathy dilated 1D (autosomal dominant), CMD1D, Troponin T cardiac muscle, Troponin T2 cardiac
MOL. WT.	36.4 kDa
NCBI ACCESSION NO.	NP_001001431.1
UNIPROT NO.	P45379
PURITY:	≥ 90% by SDS-PAGE
SOURCE:	<i>E.Coli</i>
TAG:	His-Tag at N-terminus
FORM:	Liquid
FORMULATION:	In 20 mM Tris-HCl buffer (pH 8.0) containing 50% glycerol, 0.5 M NaCl, 0.1 mM PMSF, 1 mM DTT, 100 mM imidazole
AMINO ACID SEQUENCE:	aa 1-285
STORAGE CONDITIONS:	Divide into small aliquots and store at -20 °C or -80 °C. Avoid repeated freeze-thaw cycles.

DESCRIPTION: Troponin T is the tropomyosin-binding subunit of troponin complex which consists of troponin C, troponin T, and troponin I. It regulates muscle contraction in response to alterations in intracellular calcium ion concentration. The levels of troponin T increase in peripheral blood after the onset of myocardial injury.

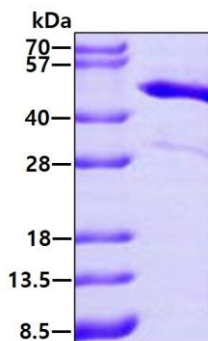


Fig A. 3 µg of human recombinant Troponin T protein was loaded on SDS-PAGE under reducing conditions and visualized by Coomassie blue stain.

RELATED PRODUCTS:

D-Dimer, Human Plasma (Cat. No. P1434)
 Thrombin, Active, Human Plasma (Cat. No. 7593)
 Human Recombinant LDHA (Cat. No. 6374)
 Myosin Light Chain, Human Heart (Cat. No. P1568)
 Creatine Kinase MT, Human Recombinant (Cat. No. P1578)

FOR RESEARCH USE ONLY! Not to be used on humans.