

Human Recombinant Cardiac Troponin I

02/21

CATALOG NO:	P1705-20 20 µg P1705-50 50 µg
ALTERNATE NAMES:	Troponin I, cardiac muscle; TNNI3; TNNC1; CMD1FF, CMD2A, CMH7, RCM1, cTnI
MOL. WT.	It migrates as a 27 kDa band in SDS-PAGE.
ACCESSION NO:	P19429.3
PURITY:	≥ 95% by SDS-PAGE
SOURCE:	<i>E.coli</i>
TAG:	His Tag
AMINO ACID SEQUENCE:	Human Recombinant Cardiac Troponin I is the full length protein fused to a 6xHis tag at the C-terminus.
FORM:	Liquid
FORMULATION:	In PBS and 25 mM arginine.
STORAGE CONDITIONS:	Divide into small aliquots and store at -20 °C or -80 °C. Avoid repeated freeze-thaw cycles.
DESCRIPTION:	Troponin I is a subunit of the troponin complex. It confers calcium-sensitivity to striated muscle actomyosin ATPase activity. It is commonly used as a marker for myocardial damage and is detected in the serum if myocardial injury has occurred.
RELATED PRODUCTS:	Human Recombinant Troponin T (Cat. No. P1608) Myosin Light Chain, Human Heart (Cat. No. P1568) D-Dimer, Human Plasma (Cat. No. P1434) Creatine Kinase MT, Human Recombinant (Cat. No. P1578) Thrombin, Active, Human Plasma (Cat. No. 7593)

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