

Recombinant Human TNNI3 protein, His-tagged

Cat. No. TNNI3-52H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Cardiac Troponin I fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Form	lyophilized from a 0.2um filtered solution in PBS, pH7.4 with 5% trehalose and 0.01% thimerosa.
Molecular Mass	24kD
AA Sequence	MKKGHHHHHHLVPRGSMADGSSDAAREPRPAPAPIRRRSSNYRAYATEPHAKKKS KISASRKLQLKTLTLLQIAKQELERAEERRGEKGRALSTRCQPLELAGLGFAELQDLC RQLHARVDKVDEERYDIEAKVTKNITEIADLTQKIF DLRGKFKRPTLRRVRISADAMM QALLGARAKESLDLRAHLKQVKKEDTEKENREVGDWKRNIDALSGMEGRKKK FES
Purity	Greater than 95% by SDS-PAGE gel analyses.
Applications	Immunogen for antibody production, immunological and mass myoglobin standard, myoglobin biochemical and immunochemical studies.
Storage	- 20°C for Lyophilized, - 80°C for Liquid

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	TNNI3 troponin I type 3 (cardiac) [Homo sapiens]
Official Symbol	TNNI3
Synonyms	TNNI3; troponin I type 3 (cardiac); troponin I, cardiac; troponin I, cardiac muscle; CMH7; TNNC1; RCM1; cTnI; CMD2A; CMD1FF; MGC116817;
Gene ID	7137
mRNA Refseq	NM_000363
Protein Refseq	NP_000354
MIM	191044
UniProt ID	P19429
Chromosome Location	19q13.4
Pathway	Cardiac muscle contraction, organism-specific biosystem; Cardiac muscle contraction, conserved biosystem; Dilated cardiomyopathy, organism-specific biosystem; Dilated cardiomyopathy, conserved biosystem; Hypertrophic cardiomyopathy (HCM), organism-specific biosystem; Hypertrophic cardiomyopathy (HCM), conserved biosystem; Muscle contraction, organism-specific biosystem;
Function	actin binding; calcium channel inhibitor activity; calcium-dependent protein binding; protein binding; protein domain specific binding; protein kinase binding; troponin C binding; troponin T binding;

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