

TNNI3

Recombinant Single Chain Troponin I type 3 (Cardiac) 2nd Generation

Catalog No.	CRT136A CRT136B CRT136C	Quantity:	2 µg 10 µg 1.0 mg
Alternate Names:	Troponin I cardiac muscle, Cardiac troponin I, TNNI3, TNNC1, CMH7, RCM1, cTnI, CMD2A, MGC116817, Troponin C slow skeletal and cardiac muscles, TN-C, TNNC1, TNNC, TNC, CMD1Z.		
Description:	<p>Troponin Complex is a heteromeric protein playing an important role in the regulation of skeletal and cardiac muscle contraction. It consists of three subunits, Troponin I, Troponin T and TroponinC. Each subunit is responsible for part of Troponin Complex function. E.g. Troponin I inhibits ATP-ase activity of acto-myosin. Troponin T and Troponin I are presented in cardiac muscles in different forms than in skeletal muscles. Purified subunits of rcTnI, rcTnC and rcTnT are recomplexed in vitro under appropriate conditions.</p> <p>Recombinant Single Chain Cardiac Troponin I-C 2nd generation produced in <i>E.Coli</i> is a single, non-glycosylated, polypeptide chain.</p>		
Physical Appearance:	Sterile Filtered colorless liquid formulation.		
GeneID:	7137		
Source:	<i>E. coli</i>		
Purity:	Greater than 85.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.		
Purification:	The scIC2 is purified by proprietary chromatographic techniques.		
Storage & Stability:	scIC2 although stable at 10°C for 7 days, should be stored desiccated below -18°C. Please prevent freeze-thaw cycles.		
Applications:	Immunoassays and Western Blot		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

