

Cardiac Troponin I-C Complex Human Recombinant

Item Number	rAP-2960
Synonyms	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	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-
Uniprot Accession Number	
Amino Acid Sequence	
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colourless liquid formulation. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.
Formulation and Purity	Each mg/ml of protein (0.5mg/ml) contains 50% glycerol. Greater than 90.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**