

Cardiac Troponin C Human Recombinant

Item Number	rAP-2955
Synonyms	Troponin C slow skeletal and cardiac muscles, TN-C, TNNC1, TNNC, TNC, CMD1Z.
Description	Recombinant Human TNC produced in E.Coli is a single, non-glycosylated, polypeptide chain having a molecular mass of 18,020 Dalton. The TNC is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P63316
Amino Acid Sequence	
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The protein solution contains 150mM NaCl, 10mM sodium phosphate, 0.05% NaN ₃ , pH 7.0. Greater than 95.0% as determined by both:(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**