



Single Chain Cardiac Troponin I-C 2nd generation Recombinant

Item Number	rAP-2962
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	Recombinant Single Chain Cardiac Troponin I-C 2nd generation produced in E.Coli is a single, non-glycosylated, polypeptide chain (aa28-110-Linker-cTnC), having a molecular weight of 30kDa. 1mg of sclC2 is equivalent to 0.82mg of full length human cardiac TNI on a molar basis. The sclC2 is purified by proprie-
Uniprot Accesion Number	
Amino Acid Sequence	
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colourless liquid formualtion. sclC2 although stable at 10°C for 7 days, should be stored below -18°C. Please prevent freeze-thaw cycles.
Formulation and Purity	The protein solution contains 20mM Tris-HCl, 250mM NaCl and 50% glycerol, pH 7.5. Greater than 91.0% as determined by SDS-PAGE.
Application	Immunoassays and western blot.
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**