

Human Cardiac Troponin I-C Complex - Purified

Catalog No.:	AR10305PU-S
Quantity:	2 µg
Concentration:	0.5 mg/ml (prior to lyophilization)
Species:	Human
Source:	E. coli
Format:	State: Liquid sterile filtered colourless solution Purity: > 90.0% as determined by: (a) Analysis by RP-HPLC. (b) Anion-Exchange FPLC. (c) Analysis by reducing and non-reducing SDS-PAGE Silver Stained. Buffer System: Each mg/ml of protein (0.5 mg/ml) contains 50.0% Glycerol
Applications:	Immunoassays and western blot. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Description:	Troponin Complex is a heteromeric protein playing an important role in the regulation of skeletal and cardiac muscle contraction. It consists of three 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 recomplexed in vitro under appropriate conditions
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.