

## Human Cardiac Troponin I-C Complex - Purified

<b>Catalog No.:</b>	AR10305PU-L
<b>Quantity:</b>	1 mg
<b>Concentration:</b>	0.5 mg/ml (prior to lyophilization)
<b>Species:</b>	Human
<b>Source:</b>	E. coli
<b>Format:</b>	<b>State:</b> Liquid sterile filtered colourless solution <b>Purity:</b> > 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. <b>Buffer System:</b> Each mg/ml of protein (0.5 mg/ml) contains 50.0% Glycerol
<b>Applications:</b>	Immunoassays and western blot. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Description:</b>	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
<b>Storage:</b>	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.