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32-13807: Troponin C-I-T Complex

Format :	Troponin C-I-T Complex solution (0.2Âµm filtered) contains 25mM TRIS buffer, 0.15M NaCl, 0.09% sodium azide, pH 7.5.
Alternative Name :	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

Source:Human cardiac tissue.
Physical Appearance:Sterile Filtered brown solution.
Biological Activitynull
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 Troponin C. Each subunit is responsible for part of 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 are recomplexed in vitro under appropriate conditions.
Human Cardiac Troponin C-I-T Complex Protein produced in Human heart tissue having a molecular mass of approximately 75kDa.

Product Info

Amount :	50 µg / 25 µg
Purification :	null
Storage condition :	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.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.