Native Full Length Human Cardiac Troponin C-I-T Complex

Cat. No. TroponinCIT-33HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human Cardiac Troponin C-I-T Complex Protein Purified from Human heart tissue.
Species	Human
Source	Human Cardiac
Description	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.
Form	Sterile Filtered brown solution
Molecular Mass	75 kDa
Human Virus Test	Starting material donor has been tested and certified negative for antibodies to HIV-1, HIV-2, HCV, HBSAG, Syphilis and HIV/HBV/HCV.
Storage	Store at 4 centigrade if entire vial will be used within 2-4 weeks. Store, frozen at -20 centigrade 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.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Buffer	Troponin C-I-T Complex solution (0.2 μm filtered) contains 25mM TRIS buffer, 0.15M NaCl, 0.09% sodium azide, pH 7.5.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA