

Single Chain Cardiac Troponin I-C Recombinant Protein

Recombinant Single Chain Cardiac Troponin I-C

CATALOG #
AAA38444

HOST
E Coli

PRODUCT SYNONYMS

Single Chain Cardiac Troponin I-C; Recombinant Single Chain Cardiac Troponin I-C; sclC; Single Chain Cardiac Troponin I-C Recombinant; Troponin I cardiac muscle; Cardiac troponin I; TNNI3; TNNC1; CMH7; RCM1; cTnI; CMD2A; MGC116817; Troponin C slow skeletal and cardiac muscles; TN-C; TNNC; TNC; CMD1Z; Troponin I-C; Single Chain Cardiac Troponin I-C recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 85.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Form/Format	Each mg/ml of protein contains 50% glycerol. Sterile Filtered colourless liquid formulation.
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for Single Chain Cardiac Troponin I-C recombinant protein	Description: Recombinant Single Chain Cardiac Troponin I-C produced in E Coli is a single, non-glycosylated, polypeptide chain having a molecular mass of 45kDa. The sclC is purified by proprietary chromatographic techniques. Introduction: 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.
Product Categories/Family for Single Chain Cardiac Troponin I-C recombinant protein	Recombinant & Natural Proteins; Recombinant Proteins; Cardiac Troponin

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/single-chain-cardiac-troponin-i-c-recombinant-protein-e-coli/38444>