

# Human Troponin-C Recombinant Protein



RPPB5015

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## Product Information    Protein Information

**Product SKU:**

RPPB5015

**Accession:**

P63316

**Host:**

E.coli.

**Protein description:**

Cardiac Troponin-C Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 181 amino acids (1-161) and having a molecular mass of 20.5 kDa. Cardiac Troponin-C is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Troponin C slow skeletal and cardiac muscles, TN-C, TNNC1, TNNC, TNC, CMD1Z.

**Formulation:**

The Cardiac Troponin-C solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M NaCl and 10% glycerol.

**Purity:**

Greater than 95% as determined by SDS-PAGE.

**Stability:**

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.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MDDIYKAAVE QLTEEQKNEF KAAFDIFVLG AEDGCISTKE LGKVMRMLGQ  
NPTPEELQEM IDEVDEDGSG TVDFDEFLVM MVRCKMDDSK GKSEELSDL FRMFDKNADG YIDLDELKIM  
LQATGETITE DDIEELMKDG DKNNDGRIDY DEFLEFMKGV E