

# scIC2 Recombinant Protein



RPPB5013

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## Product Information   Protein Information

**Product SKU:**

RPPB5013

**Host:**

Escherichia Coli.

**Protein description:**

Recombinant Single Chain Cardiac Troponin I-C 2nd generation produced in E.Coli is a single, non-glycosylated, polypeptide chain (aa28-110-Linker-cTnC), having a molecular weight of 30kDa. 1mg of scIC2 is equivalent to 0.82mg of full length human cardiac TNI on a molar basis. The scIC2 is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colourless liquid formulation.

**Synonyms:**

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.

**Formulation:**

The protein solution contains 20mM Tris-HCl, 250mM NaCl and 50% glycerol, pH 7.5.

**Purity:**

Greater than 91.0% as determined by SDS-PAGE.

**Stability:**

scIC2 although stable at 10°C for 7 days, should be stored below -18°C. Please prevent freeze-thaw cycles.