

## OriGene Technologies Inc.

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## AR10305PU-L OriGene EU

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## **Human Cardiac Troponin I-C Complex - Purified**

Catalog No.: AR10305PU-L

Quantity: 1 mg

**Concentration:** 0.5 mg/ml (prior to lyophilization)

Species: Human
Source: E. coli

Format: State: Liquid sterile filtered colourless solution

Purity: > 90.0% as determined by:

(a) Analysis by RP-HPLC.(b) Anion-Exchange FPLC.

(c) Analysis by reducing and non-reducing SDS-PAGE Silver Stained. **Buffer System:** Each mg/ml of protein (0.5 mg/ml) contains 50.0% Glycerol

**Applications:** Immunoassays and western blot.

Other applications not tested. Optimal dilutions are dependent on conditions and should

be determined by the user.

**Description:** Troponin Complex is a heteromeric protein playing an important role in the regulation of

skeletal and cardiac muscle contraction. It consists of three sroponin 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 recomplexed in vitro under appropriate conditions

Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing. Shelf life: one year from despatch.