## **Datasheet**

Blood coagulation and Anemia • Bone Metabolism • Cardiac Markers • Fertility and Pregnancy Gangliosides • Hormone Markers • Immunology and Serology • Infectious Diseases • Inflammation Kidney Diseases • Metabolic Syndrome • Microbial and Plant Toxins • Miscellaneous • Neuroscience Thyroid Diseases • Tumor Markers • Veterinary

CATALOGUE #: 8RSC4

PRODUCT NAME: Recombinant human slow skeletal/cardiac troponin C (TnC)

**Source:** Expressed in *E. coli* 

**Description:** 161 a.a.r.

Theoretical molecular weight (calculated from the sequence) 18 403 Da.

Does not contain tags
Theoretical pl 4.02

Applications: Biochemical studies, mass slow skeletal/cardiac TnC standard, immunoassay standard and

calibrator, immunogen for antibody production.

Analysis: Purity > 95 % (SDS-PAGE). Apparent molecular weight by SDS-PAGE is about 16 000 Da.

**Purification:** Affinity chromatography, Ion-exchange chromatography

Presentation: Lyophilized from 20 mM Tris-HCl pH 7.5, 150 mM KCl, 0.1 % 2-mercaptoethanol.

It is recommended to reconstitute this product with deionized water, containing 0.1 % 2-

mercaptoethanol, to its initial concentration.

Storage: Lyophilized -20°C (-15 ... -30 °C allowed)

Reconstituted -70°C (-65 ... -80 °C allowed)

Other information: Avoid repeated freezing and thawing. It is recommended to aliquot the product after reconstitution.

Material This product is sold for research or further manufacturing use only. Standard Laboratory

**safety note:** Practices should be followed when handling this material.

