



DataSheet

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 pI 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 safety note: This product is sold **for research or further manufacturing use only**. Standard Laboratory Practices should be followed when handling this material.

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