

**CATALOGUE #:** 8RKC3

**PRODUCT NAME:** Recombinant human troponin C skeletal muscle, isoform 2

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

**Description:** 160 a.a.r.  
Theoretical molecular weight (calculated from the sequence) 18 122 Da.  
Does not contain tags  
Theoretical pI 4.06

**Applications:** Biochemical studies, mass hfsTnC standard, immunoassay standard and calibrator, immunogen for antibody production.

**Analysis:** Purity > 90 % (SDS-PAGE). Apparent molecular weight by SDS-PAGE is about 18 000 Da.

**Purification:** 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.