



Product Datasheet

Product Name	Skeletal Muscle Troponin-C Rabbit
Cata No	CB500944
Source	<i>Rabbit Skeletal Muscle</i>
Synonyms	Troponin C skeletal muscle, TNNC2, TNC.

Description

Rabbit Skeletal Muscle Troponin-C is a single, glycosylated, polypeptide chain having a molecular mass of 18,096 Dalton. Troponin-C is one of three subunits that form the Troponin complex of striated muscle thin filaments. Skeletal muscle Troponin-C is purified using a combination of ion-exchange and affinity chromatography steps.

Physical Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Formulation

Lyophilized from a solution (23.2 mg/ml) containing 150mM sodium chloride, 10mM sodium phosphate

and 0.05% sodium azide, (pH 7.2).

Reconstitution

It is recommended to reconstitute the lyophilized Troponin C in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability

Lyophilized Troponin C although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Troponin C should be stored at 4°C between 2-7 days and for future use below -18°C.

For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

Please prevent freeze-thaw cycles.