Recombinant Rabbit Cardiac Troponin C

Cat. No. TNC-256R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rabbit TNC produced in E.Coli is a single, non-glycosylated, polypeptide chain. The TNC has a molecular mass of 18,020 Dalton. The TNC is purified by proprietary chromatographic techniques.
Species	Rabbit
Source	E.coli
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Formulation	Lyophilized from (1mg/ml) solution containing 150mM NaCl, 10mM sodium phosphate and 0.05% NaN3 pH 7.2.
Purity	Greater than 98.0% as determined by both: (a) Analysis by RP-HPLC. (b) Anion-exchange FPLC. (c) Analysis by reducing and non-reducing SDS-PAGE Silver Stained gel.
Dimers and aggregates	Less than 1% as determined by silver-stained SDS-PAGE gel analysis.
Endotoxin	Less than 0.1 ng/μg (IEU/μg) of rRTNC.
Protein content	Protein quantitation was carried out by using 1 - 10.0 mg/ml Bradford assay vs. BSA.
Solubility	It is recommended to reconstitute the lyophilized rRTNC in sterile 18MΩ-cm H2O not

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	less than 100μg/ml, which can then be further diluted to other aqueous solutions.
Stability	Lyophilized rRTNC although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution rRTNC 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.

GENE INFORMATION

Synonyms	Troponin C; TNNC1; TNC; TN; TN-C; TNNC; GMEM; HXB; JI; MGC167029; Tenascin-C; GP 150-225; Neuronectin; OTTHUMP00000022738; Cardiac Troponin C; Cytotactin; Hexabrachion; Glioma-associated-extracellular matrix antigen; hexabrachion (tenascin); Troponin C type 1 (slow); Myotendinous antigen; hexabrachion (tenascin C, cytotactin); tenascin C; tenascin C (hexabrachion).

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA