



RayBiotech, Inc.

The protein array pioneer company

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Certificate of Analysis and Data Sheet

Recombinant Human Troponin T, cardiac muscle

[Product Catalog # 230-00048](#)

Synonyms

TnTc, Cardiac muscle troponin T; cTnT.

Source

- *Escherichia coli* derived.
- Protein Accession #. P45379, Ser2-Lys298.

Predicted Molecular Mass

~ 36.5 kDa.

Purity

>95%, determined by SDS-PAGE under reducing conditions and visualized by Commassie blue staining.

Formulation

Lyophilized from a 0.2 µm filtered solution in 0.1 M NaHCO₃, 0.5 M NaCl, pH 7.5. Protein concentration prior to lyophilization was 0.25 mg/mL.

Reconstitution

Briefly spin the vial prior to opening and bring the contents to the bottom. It is recommended to reconstitute at ~ 0.5 mg/mL with sterile deionized water.

Stability & Storage

- Upon arrival, the lyophilized products may be stored for 2 weeks at 2 to 8 °C. For long term storage, it is recommended to be stored desiccated below -20 °C in a manual defrost freezer.
- Following reconstitution, the protein may be stored for 2 weeks at 2 to 8 °C. For long term storage, it is recommended to add a carrier protein (0.1% HSA or BSA) and store at -20 °C or -80 °C in aliquots. ***Avoid repeated freeze-thaw cycles.**

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for therapeutic use.**