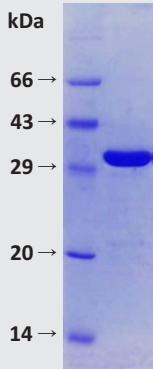


## Human Troponin T (TnT) | SKU: RDRCP02

### Datasheet:

|                                       |   |
|---------------------------------------|---|
| Product name:                         | Recombinant Troponin T<br>Cardiac Troponin T (1-285 aa, His-tag) Human Protein  |
| Description:                          | Recombinant human TNNT2 protein fused to His-tag at N-terminus (1-285 aa, His- tag), was expressed in <i>E. coli</i> and purified by using conventional chromatography techniques   |
| Synonyms:                             | CMH2, RCM3, TnTC, cTnT, CMPD2, MGC3889, TNNT2, TroponinT-cardiac muscle, Cardiac muscle troponin T, troponin T type 2 (cardiac)   |
| UniProt ID:                           | P45379  |
| Species   Expression host   Tag:      | Human   <i>E. coli</i>   His-tag  |
| Expression cDNA Clone or AA Sequence: | MGSSHHHHHSSGLVPRGSHMASMTGGQQMGR<br>MSDIEEVVEEYEEEEEQEEAAVEEQEEAAEEDAEEAEAEETEETRAEEDDEEEEEEAKEA<br>EDGPMEEESKPKPRSFMPNLVPPKIPDGERVDFDDIHRKRMEKDLNELQALIEAH<br>FENRKKEEEELVSLKDRIERRRAERAQQIRNEREKERQNLAEERARREEENR<br>RKADEARKKKKALSNNMMHFGGYIQKTERKSGKRQTEREKKKKILAERRKVLAI<br>HLNEDQLREKAKELWQSIYNLEAEKFDLQEKFKQKQKYEINVLNRINDNQKVS<br>TRGKAKVTGRWK |
| Predicted MW:                         | 37.7 kDa  |
| Physical appearance:                  | Sterile filtered colourless solution  |
| Storage Buffer:                       | 50mM Tris, 250mM NaCl, 6M Urea, 15mM BME, 1 mM EDTA, 1mM PMSF, pH 7.2   |
| Concentration:                        | Lot specific determined by Bradford assay   |
| Purity:                               | ≥ 90% by SDS-PAGE   |
| Storage temperature:                  | -20°C   |
| Stability:                            | Store undiluted at 2-8°C for up to two weeks or in aliquots at -20°C for longer. Avoid multiple freeze-thaw.  |
| Shelf life:                           | 1 year from the date of manufacturing.  |
| Note:                                 | <b>This product is not for human/animal consumption. For in vitro use only. Not for use in therapeutics.</b>  |

|                  |   |               |             |
|------------------|---|---------------|-------------|
| Product details: |  | <h1>TnT</h1>  |             |
|                  |   | Batch no.     | MTT001C     |
|                  |   | Concentration | 3.17 mg/ml  |
|                  |   | Manufacturing | August 2023 |

### RESOLVE DIAGNOSTICS PRIVATE LIMITED

 4th Floor, Jet Prime, 39-B, Suren Road, Andheri (East), Mumbai - 400 093

 +91.22.6689.2400 |  +91.22.6689.2401 |  info@resolvediagnostics.in |  www.resolvediagnostics.in

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