

Recombinant Human TNNC1

Catalog No: #GP12402



Package Size: #GP12402-1 100ug

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Description

| | |
|-----------------------|---|
| Product Name | Recombinant Human TNNC1 |
| Brief Description | Recombinant Protein |
| Immunogen Description | Full length fusion protein |
| Target Name | troponin C type 1 (slow) |
| Other Names | TNC; TN-C; TNNC; CMD1Z; CMH13 |
| Accession No. | Swissprot:P63316Gene Accession:BC030244 |
| Uniprot | P63316 |
| GeneID | 7134; |
| Storage | -20~-80°C, pH 7.6 PBS |

Background

Troponin is a central regulatory protein of striated muscle contraction, and together with tropomyosin, is located on the actin filament. Troponin consists of 3 subunits: TnI, which is the inhibitor of actomyosin ATPase; TnT, which contains the binding site for tropomyosin; and TnC, the protein encoded by this gene. The binding of calcium to TnC abolishes the inhibitory action of TnI, thus allowing the interaction of actin with myosin, the hydrolysis of ATP, and the generation of tension.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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