

Datasheet for ABIN2732110

TNNI1 Protein (DYKDDDDK Tag)[Go to Product page](#)**1** Image

Overview

| | |
|-------------------------------|---|
| Quantity: | 20 µg |
| Target: | TNNI1 |
| Origin: | Human |
| Source: | Insect cells (Sf9) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This TNNI1 protein is labelled with DYKDDDDK Tag. |
| Application: | Antibody Production (AbP), Standard (STD) |

Product Details

| | |
|------------------|--|
| Characteristics: | <ul style="list-style-type: none">• Recombinant human Skeletal muscle Troponin I (full length, C-term DDK tag) protein expressed in Sf9 cells.• Produced with end-sequenced ORF clone |
| Purity: | > 80 % as determined by SDS-PAGE and Coomassie blue staining |

Target Details

| | |
|-------------------|---|
| Target: | TNNI1 |
| Alternative Name: | Skeletal Muscle Troponin I (TNNI1 Products) |
| Background: | Troponin I is the inhibitory subunit of troponin, the thin filament regulatory complex which confers calcium-sensitivity to striated muscle actomyosin ATPase activity. [UniProtKB/Swiss-Prot Function] |
| Molecular Weight: | 21.5 kDa |

Target Details

NCBI Accession: [NP_003272](#)

Application Details

Application Notes: Recombinant human proteins can be used for:
Native antigens for optimized antibody production
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal.

Restrictions: For Research Use only

Handling

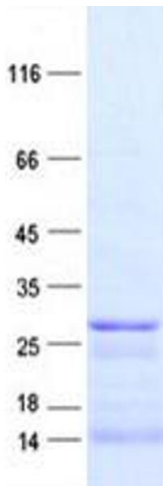
Concentration: 50 µg/mL

Buffer: 50 mM Tris-HCl, pH 8.0, 100 mM glycine, 10 % glycerol.

Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Images



Western Blotting

Image 1. Validation with Western Blot