

## Recombinant Human TNNI1, His-tagged

**Cat. No.** TNNI1-3331H **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human TNNI1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.                                                              |
| <b>Species</b>          | Human                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                |
| <b>ProteinLength</b>    | 1-187aa                                                                                                                                                               |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                             |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol. |

### GENE INFORMATION

|                        |                                                                                                                                                                      |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | TNNI1 troponin I type 1 (skeletal, slow) [ Homo sapiens ]                                                                                                            |
| <b>Official Symbol</b> | TNNI1                                                                                                                                                                |
| <b>Synonyms</b>        | TNNI1; troponin I type 1 (skeletal, slow); troponin I, skeletal, slow; troponin I, slow skeletal muscle; troponin I, slow-twitch isoform; TNN1; SSTNI; DKFZp451O223; |
| <b>Gene ID</b>         | 7135                                                                                                                                                                 |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>mRNA Refseq</b>         | <a href="#">NM_003281</a>                                                                                                                                            |
| <b>Protein Refseq</b>      | <a href="#">NP_003272</a>                                                                                                                                            |
| <b>MIM</b>                 | <a href="#">191042</a>                                                                                                                                               |
| <b>UniProt ID</b>          | <a href="#">P19237</a>                                                                                                                                               |
| <b>Chromosome Location</b> | 1q31.3                                                                                                                                                               |
| <b>Pathway</b>             | Muscle contraction, organism-specific biosystem; Striated Muscle Contraction, organism-specific biosystem; Striated Muscle Contraction, organism-specific biosystem; |
| <b>Function</b>            | actin binding; tropomyosin binding;                                                                                                                                  |

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