

## Recombinant Horse TNNI3 protein, His&Myc-tagged

**Cat. No.** TNNI3-5322H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Horse TNNI3 protein(Q5PYI0)(2-205aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.                                                                                                                                                                                   |
| <b>Species</b>          | Horse                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 2-205aa                                                                                                                                                                                                                                                                                                            |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                 |
| <b>Molecular Mass</b>   | 30.8 kDa                                                                                                                                                                                                                                                                                                           |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                        |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                     |
| <b>Reconstitution</b>   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. |

 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

**AA Sequence**

ADQSGNAAPPPVRRRSSANYRAYATEPHAKKSKISASRKLQLKTLMLQIAKQELER  
 EAVERRGEKGRALSTRCQPLELAGLGFEELQDLCRQLHARVDKVDEERYDVEAKVT  
 KNITEIADLNQKIFDLRGKFKRPTLRRVRISADAMMQALLGTRAKETLDLRAHLKQVK  
 KEDTEKENREVGDWKRNIDALSGMEGRKKKFEG

## GENE INFORMATION

**Gene Name** TNNI3 troponin I type 3 (cardiac) [ *Equus caballus* ]

**Official Symbol** TNNI3

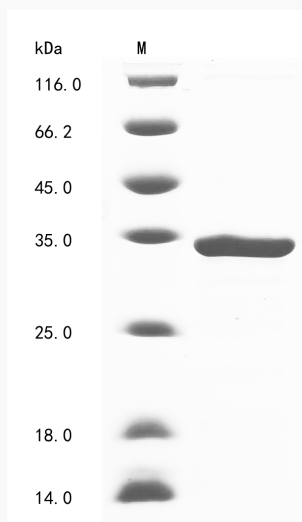
**Synonyms** TNNI3; troponin I type 3 (cardiac); troponin I, cardiac muscle; cardiac troponin I;

**Gene ID** 100034065

**mRNA Refseq** NM\_001081904

**Protein Refseq** NP\_001075373

## SDS-PAGE



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