

## Recombinant Human TNNI3 protein(11-130 aa), N-SUMO & N-His-tagged

**Cat. No.** TNNI3-2683H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human TNNI3 protein(P19429)(11-130 aa), fused with N-terminal SUMO tag and N-terminal His tag, was expressed in E. coli.                                              |
| <b>Species</b>          | Human                                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                            |
| <b>ProteinLength</b>    | 11-130 aa                                                                                                                                                                         |
| <b>Form</b>             | 0.15 M Phosphate buffered saline                                                                                                                                                  |
| <b>Storage</b>          | Shipped on dry ice. Avoid repeated freeze-thaw cycles. Upon receipt, 2 days when stored at 2 to 8 °C after thawing.<br>Up to 12 months when aliquoted and stored at -20 to -80°C. |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.     |
| <b>AA Sequence</b>      | EPRPAPAPIRRRSSNYRAYATEPHAKKKSKISASRKLQLKTLTLLQIAKQELEREAEER<br>RGEKGRALSTRCQPLELAGLGFAELQDLRQLHARVDKVDEERYDIEAKVTKNITEI<br>ADLTQ                                                  |

### GENE INFORMATION

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|                        |                                                                                                                                         |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | TNNI3 troponin I type 3 (cardiac) [ Homo sapiens ]                                                                                      |
| <b>Official Symbol</b> | TNNI3                                                                                                                                   |
| <b>Synonyms</b>        | TNNI3; troponin I type 3 (cardiac); troponin I, cardiac; troponin I, cardiac muscle; CMH7; TNNC1; RCM1; cTnI; CMD2A; CMD1FF; MGC116817; |
| <b>Gene ID</b>         | 7137                                                                                                                                    |
| <b>mRNA Refseq</b>     | NM_000363                                                                                                                               |
| <b>Protein Refseq</b>  | NP_000354                                                                                                                               |
| <b>MIM</b>             | 191044                                                                                                                                  |
| <b>UniProt ID</b>      | P19429                                                                                                                                  |

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