

# Recombinant Human TTN Protein, His-tagged

**Cat. No.** TTN-1391H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human TTN Protein (5398-5604aa) was expressed in E. coli with N-terminal His tag.                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 5398-5604 a.a.                                                                                                                                                                                                                     |
| <b>Form</b>             | Tris-based buffer, 50% glycerol.                                                                                                                                                                                                   |
| <b>Molecular Mass</b>   | 26.5 kDa                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | VFKCSVIGIPTPEVKWYKEYMCIEPDNIKYVISEEKGSHTLKIRNVCLSDSATYRCRAV<br>NCVGEAICRGF<br>LTMGDSEIFAVIAKKSKVTLSSLMEELVLKSNYTDSFFEFQVVEGPPRFIKGISDCYAP<br>IGTAAYFQCLV<br>RGSRPRTVYWKDGKLVQGRRFTVEESGTGFHNLFITSLVKSDEGEYRCVATNKSG<br>MAESFAALTLT |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                        |
| <b>Storage</b>          | The shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.                                                                      |

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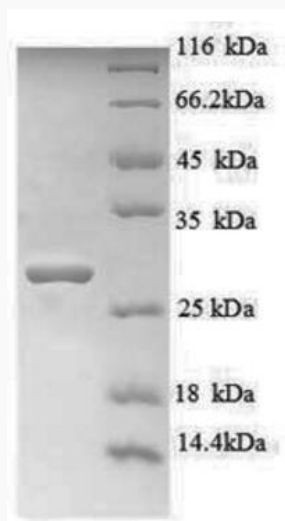
## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                      |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | TTN titin [ Homo sapiens]                                                                                                                                                                                                                                                                            |
| <b>Official Symbol</b> | TTN                                                                                                                                                                                                                                                                                                  |
| <b>Synonyms</b>        | TTN; titin; TMD;CMH9; CMD1G; CMPD4; EOMFC; FLJ32040; FLJ26020; FLJ26409; FLJ34413; FLJ39564;FLJ43066; HMERF; MYLK5; LGMD2J; MPRM; DKFZp451N061; connectin; OTTHUMP00000233809;OTTHUMP00000233810; rhabdomyosarcoma antigen MU-RMS-40.14; cardiomyopathy,dilated 1G (autosomal dominant); EC 2.7.11.1 |
| <b>Gene ID</b>         | 7273                                                                                                                                                                                                                                                                                                 |
| <b>mRNA Refseq</b>     | NM_003319                                                                                                                                                                                                                                                                                            |
| <b>Protein Refseq</b>  | NP_003310                                                                                                                                                                                                                                                                                            |
| <b>MIM</b>             | 188840                                                                                                                                                                                                                                                                                               |
| <b>UniProt ID</b>      | E9PPD3                                                                                                                                                                                                                                                                                               |

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