

Recombinant Human TTN protein, His&Myc-tagged

Cat. No. TTN-3629H Lot. No. (See product label)

SPECIFICATION

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|-------------------------|--|
| Product Overview | Recombinant Human TTN protein(Q8WZ42)(14257-14543aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 14257-14543aa |
| Form | 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. |
| Molecular Mass | 36.9 kDa |
| AA Sequence | RCEEGKDNWIRCNMKLVPELTYKVTGLEKGNKYLYRVSAENKAGVSDPSEILGPLTADDAFVEPTMDLSAFKDGLEIVPNPITILVPSTGYRPTATWCFGDKVLETGDRVKMKTLSAYAELVISPSERSDKGIYTLKLENRVKTISGEIDVNVIA RPSAPKELKFGDITKDSVHLTWEPPDDDGGSPLTGYVVEKREVS RKTWTKVMDFVTDLEFTVPDLVQGKEYL FKVCARNKCGPGEPAYVDEPVNMSTPATVPDPPE NVKWRDRTANSIFLTWDPPKN DGG |
| Purity | Greater than 85% as determined by SDS-PAGE. |

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Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution 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. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name TTN titin [Homo sapiens]

Official Symbol TTN

Synonyms TTN; titin; cardiomyopathy, dilated 1G (autosomal dominant) , CMD1G; CMH9; CMPD4; FLJ32040; LGMD2J; MYLK5; TMD; connectin; rhabdomyosarcoma antigen MU-RMS-40.14; CMD1G; EOMFC; HMERF; FLJ26020; FLJ26409; FLJ34413; FLJ39564; FLJ43066; DKFZp451N061;

Gene ID 7273

mRNA Refseq NM_001256850

Protein Refseq NP_001243779

MIM 188840

UniProt ID Q8WZ42

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