

Recombinant Human TTN protein, His&Myc-tagged

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

SPECIFICATION

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	RCEEGKDNWIRCNMKLVPETYKVTGLEKGNKYLYRVSAENKAGVSDPSEILGPLTA DDAFVEPTMDLSAFKDGLEVIVPNPITILVPSTGYPRPTATWCFGDKVLETGDRVKM KTLSAYAELVISPSERSDKGIYTLKLENRVKTIISGEIDVNVIAFPSAPKELKFGDITKDS VHLTWEPPDDDDGGSPLTGYVVEKREVSRTWTKVMDFVTDLEFTVPDLVQGKEYL FKVCARNKCGPGEPAYVDEPVNMSTPATVPDPPENVKWRDRTANSIFLTWDPPKN 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