

Titin (TTN) Recombinant Protein | TTN recombinant protein

Recombinant Titin (TTN)

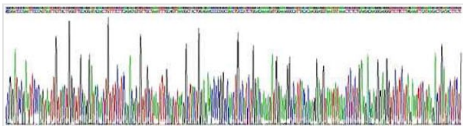
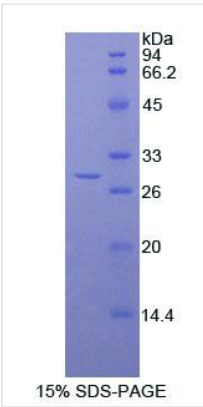
CATALOG # AAA20272	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS SDS-Page, Western Blot
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PRODUCT SYNONYMS

Titin (TTN); Recombinant Titin (TTN); TTN recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for TTN recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Application Notes	(May be suitable for use in other assays to be determined by the end user.)
Source	Prokaryotic expression
Residues	Pro33779~Gln34025
Tags	N-terminal His Tag
Subcellular Location	Nucleus, Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	7.1
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Identification
Gene Sequencing (extract)

SDS-PAGE

PV IVTGLQDTTV SSDSVAKFAV
KATGEPRPTA IWTGDGKAIT QGGKYKLSG KGGFFLEIHK TDTSDSGLYT
CTVKNSAGSV SSSCKLTIKA IKDTEAQKVS TQKTSEITPQ KKAVVQEEIS
QKALRSEEIK MSEAKSQEKL ALKEEASKVL ISEEVKKSAA TSLEKSIVHE
EITKTSQASE EVRTHAEIKA FSTQMSINEG QRLVLKANIA GATDVKNVLN
GVELTNSEEEY RYGVSGSDQT LTIKQ

Sequence Information

NCBI AND UNIPROT INFORMATION

NCBI GI #	378925625
NCBI GeneID	7273
NCBI Accession #	NP_001243779.1
NCBI GenBank Nucleotide #	NM_001256850.1
UniProt Accession #	Q8WZ42; Q10465; Q10466; Q15598; Q2XUS3; Q32Q60; Q4U1Z6; Q4ZG20; A6NKB1; E7EQE6; E7ET18; K7ENY1
Molecular Weight	Predicted Molecular Mass: 28.3kDa Accurate Molecular Mass: 29kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	titin isoform N2BA
NCBI Official Synonym Full Names	titin
NCBI Official Symbol	TTN
NCBI Official Synonym Symbols	TMD; CMH9; CMD1G; CMPD4; EOMFC; HMERF; MYLK5; LGMD2J
NCBI Protein Information	titin; connectin; rhabdomyosarcoma antigen MU-RMS-40.14
UniProt Protein Name	Titin
UniProt Gene Name	TTN
UniProt Entry Name	TITIN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.