

Triadin Recombinant Protein | TRDN recombinant protein

Recombinant Rabbit Triadin protein

CATALOG # AAA81586	HOST E Coli	APPLICATIONS Western Blot, ELISA, SDS-Page
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PRODUCT SYNONYMS

Triadin; Recombinant Rabbit Triadin protein; TRDN recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Liquid containing glycerol
Sequence	DLVDYKNFSA SSIKMGSDP LKLVHDAVEE TTDWIYGFFS LLSDISSDG DEEDDEGDED TAKGEIEEPP LKRKDIHKEK IEKQEKPERK IPTKVHKEK EKEKEVKKEK EKPEKKATHK EKLEKKEKPE TKTVTKEEKK ARTKEKIEEK TKKEVKGVKQ EKVQTVAKA KEVQKTPKPK EKESKETA AV SKQE QKDQYA FCRYMIDIFV HGD LKPGQSP AIPPPSPTEQ ASRPTPALPT PEEKEGEEKK AEKVVTTETK KKA EKEDAKK KSEKETDIDM KKKEPGKSPD TKPGTVKVTT QAATKKDEKK EDSKAKKPA EEQPKGKKQE KKEKHEEPAK STKKEHAAPS EKQAKAKIER KEEVSAATK KAVPAKKEEK TTKTVEQETR KEKPGKISSV LKDKELTKEK EVKVPASLKE KGSETKKDEK TSKPEPQIKK EEKPGKEVKP KPPQPQIKKE EKPEQDIMKP EKTALHGKPE EKV LKQVKAV TTEKHVKPKP AKKAEHQEKE PPSIKTDKPK STSKGMPEVT ESGKKKIEKS EKEIKVPARR ESHQLQNVTK AEKPARGSKE GFEDVPASKK AKEEAEVSS TTKQKSPISF FQCVYLDGYN GYGFQFPVTP AQYPGESSGK PNSPGPKQ
Sequence Length	4633
Applicable Applications for TRDN recombinant protein	WB (Western Blot), ELISA, SDS-PAGE
Preparation and Storage	Repeated freezing and thawing is not recommended.Store working aliquots at 4 degree C for up to one week. Store at -20 degree C, for extended storage, store at -20 degree C or -80 degree C.

ADDITIONAL INFORMATION

Related Product Information for TRDN recombinant protein	May be involved in anchoring calsequestrin to the junctional sarcoplasmic reticulum and allowing its functional coupling with the ryanodine receptor.
References	[1] "Primary structure and topological analysis of a skeletal muscle-specific junctional sarcoplasmic reticulum glycoprotein (triadin)."Knudson C.M., Stang K.K., Moomaw C.R., Slaughter C.A., Campbell K.P.J.Biol.Chem.268:12646-12654(1993) [PubMed: 7685347] [Abstract] Cited for: NUCLEOTIDE SEQUENCE [MRNA], PARTIAL PROTEIN SEQUENCE (ISOFORMS SKELETAL 1; SKELETAL 2 AND SKELETAL 3).Strain: New Zealand white.Tissue: Skeletal muscle. [2] "Structural diversity of triadin in skeletal muscle and evidence of its existence in heart."Peng M., Fan H., Kirley T.L., Caswell A.H., Schwartz A.FEBS Lett.348:17-20(1994) [PubMed: 8026576] [Abstract] Cited for: NUCLEOTIDE SEQUENCE [MRNA], PARTIAL PROTEIN SEQUENCE (ISOFORMS SKELETAL 1; SKELETAL 2 AND SKELETAL 3).Tissue: Skeletal muscle. [3] "Biochemical characterization and molecular cloning of cardiac triadin."Guo W., Jorgensen A.O., Jones L.R., Campbell K.P.J.Biol.Chem.271:458-465(1996) [PubMed: 8550602] [Abstract] Cited for: NUCLEOTIDE SEQUENCE [MRNA], PARTIAL PROTEIN SEQUENCE (ISOFORMS CARDIAC 1; CARDIAC 2 AND CARDIAC 3).Tissue: Heart muscle. [4] "Disulfide bonds, N-glycosylation and transmembrane topology of skeletal muscle triadin."Fan H., Brandt N.R., Caswell A.H.Biochemistry 34:14902-14908(1995) [PubMed: 7578102] [Abstract] Cited for: GLYCOSYLATION AT ASN-625, SUBUNIT.

NCBI AND UNIPROT INFORMATION

NCBI GI #	130502100
NCBI GeneID	100009519
NCBI Accession #	NP_001076212.1
NCBI GenBank Nucleotide #	NM_001082743.1
UniProt Accession #	Q28820; Q28636; Q28637; Q28643
Molecular Weight	70 KD
NCBI Official Full Name	Oryctolagus cuniculus triadin (TRDN), mRNA
NCBI Official Symbol	TRDN
NCBI Protein Information	triadin; junctional sarcoplasmic reticulum glycoprotein
UniProt Protein Name	Triadin
UniProt Gene Name	TRDN
UniProt Entry Name	TRDN_RABIT

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.

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Online datasheet: <https://stage.aaabiotech.com/trdn-recombinant-protein-e-coli-wb-western-blot-elisa-sds-page/81586>