

Vitronectin Recombinant Protein | VTN recombinant protein

Recombinant Vitronectin (VTN)

CATALOG # AAA144388	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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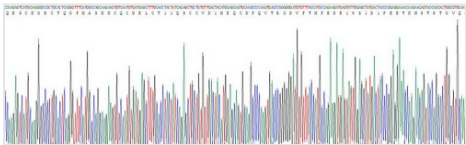
PRODUCT SYNONYMS

Vitronectin; Recombinant Vitronectin (VTN); VTN recombinant protein

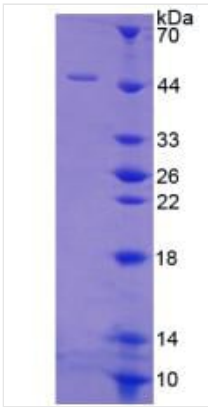
PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Concentration	6.3 (varies by lot)
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandT7-ta g,itsseque nceisliste dbelow. MGSSHHHH HHSSGLVPRG SHMASMTGGQ QMGRGSEF-Q ESCKGRCTQG FMASKKCQCD ELCTYYQSCC VDYMEQCKPQ VTRGDVFTMP EDEYWSYDYP EETKNSTNAG VQSENTSLHF NLKPRAEETI KPITPDPEQ SNTQEPEVGQ QGVAPRPDTT DEGTSEFP EE ELCSGKPFDA FTDLKNGLS AFRGEYCYEL DETAVRPGYP KLIQDVWGIE GPIDAAFTRI NCQGKTYLFK GSQYWRFDG VLDPDYPRNI SEGFSGIPDN VDAALALPAH SYSGRERVYF FKGKQYWEYE FQQQPSQEEC EGSSLSAVFE HFALLQRDSW ENIFELLFWG RSSDGAKGPQ FISRDWHGVP GKVDAAMAGR IYITGSTFRS VQAKKQKSGR RSRKRYRSRR GRGHSRSRSR SMSSRRPSR< </div>
Sequence Length	478
Applicable Applications for VTN recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	47.2kDa
Accurate Molecular Mass (KD)	55kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and T7-tag
Organism Species	Rattus norvegicus (Rat)
Fragment	Gln21~Arg400
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
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 of the targetprotein. 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 andprecipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE

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CVDYMEQCKP QVTRGDVFTM PEDEYWSYDY PEETKNSTNA GVQSENTSLH
FNLKPRAEET IKPTTPDPQE QSNTQEPEVG QQGVAPRPDT TDEGTSEFPE
EELCSGKPFD AFTDLKNSL FAFRGEYCYE LDETAVRPGY PKLIQDVHGI
EGPIDAAFR INCQGKTYLF KGSQYWRFD GVLDPOYPRN ISEGFSGIPD
NVDAALALPA HSYSGRERVY FFKGQYWEY EFQQQPSQEE CEGSSLSAVF
EHFALLQRDS WENIFELFW GRSSDGAKGP QFISRDWHGV PGKVDAAMAG
RIYITGSTFR SVQAKKQKSG RRSRKRYRSR RGRGHSRSRS RSMSSRRPSR
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Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	88853069
NCBI GeneID	7448
NCBI Accession #	NP_000629.3
NCBI GenBank Nucleotide #	NM_000638.3
Molecular Weight	54,306 Da
NCBI Official Full Name	vitronectin
NCBI Official Synonym Full Names	vitronectin
NCBI Official Symbol	VTN
NCBI Official Synonym Symbols	VN; V75; VNT
NCBI Protein Information	vitronectin
UniProt Protein Name	Vitronectin
UniProt Gene Name	VTN
UniProt Synonym Gene Names	VN
UniProt Entry Name	VTNC_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.

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Online datasheet: <https://stage.aaabiotech.com/vtn-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/144388>