

Vitronectin Recombinant Protein | VTN recombinant protein

Recombinant Vitronectin (VTN)

CATALOG # AAA144072	HOST E.coli	REACTIVITY Human	APPLICATIONS Western Blot, SDS-Page
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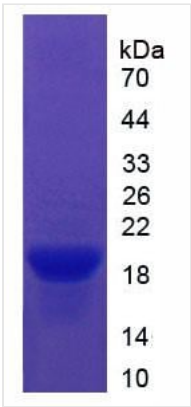
PRODUCT SYNONYMS

Vitronectin; Recombinant Vitronectin (VTN); VTN recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Human
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose and Proclin300.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for VTN recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ala19~Glu111
Tags	N-terminal His Tag
Subcellular Location	Secreted, Extracellular matrix
Traits	Freeze-dried powder
Predicted isoelectric point	4.7
Predicted Molecular Mass	11.6kDa
Accurate Molecular Mass	19kDa as determined by SDS-PAGE reducing conditions
Phenomenon explanation	The possible reasons that the actual band size differs from the predicted are as follows: 1.Splice variants: Alternative splicing may create different sized proteins from the same gene. 2. Relative charge: The composition of amino acids may affects the charge of the protein. 3. Post-translational modification: Phosphorylation, glycosylation, methylation etc. 4. Post-translation cleavage: Many proteins are synthesized as pro-proteins, and then cleavedto give the active form. 5. Polymerization of the target protein: Dimerization, multimerization etc.
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°C for one month. Aliquot and store at -80°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°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.

IMAGES



AD QESCKGRCTE GFNVDKKQC DELCSYYQSC
CTDYTAECKP QVTRGDVFTM PEDEYTVYDD GEEKNNATVH EQVGGPSLTS
DLQAQSKGNP E

Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	88853069
NCBI GeneID	7448
NCBI Accession #	NP_000629.3
NCBI GenBank Nucleotide #	NM_000638.3
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/vtn-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/144072>