

Recombinant Human VTN Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. VTN-3682H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	VTN MS Standard C13 and N15-labeled recombinant protein (NP_000629) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a member of the pexin family. It is found in serum and tissues and promotes cell adhesion and spreading, inhibits the membrane-damaging effect of the terminal cytolytic complement pathway, and binds to several serpin serine protease inhibitors. It is a secreted protein and exists in either a single chain form or a clipped, two chain form held together by a disulfide bond.
Molecular Mass	54.3 kDa
AA Sequence	MAPLRPLLILALLAWVALADQESCKGRCTEGFNVDKKCQCDELCSYYQSCCTDYTA ECKPQVTRGDVFTMPEDYTYVDDGEEKNNATVHEQVGGPSLTSDLQAQSKGNPE QTPVLKPEEEAPAEVVGASKPEGIDSRPETLHPGRPQPPAAEEELCSGKPFDAFTDLK NGSLFAFRGQYCYELDEKAVRPGYPKLIRDVWGIEGPIDAAFTRINCQGKTYLFKGS QYWRFEDGVLDPDYPRNISDGFDGIPDNVDAALALPAHSYSGRERVYFFKGKQYW EYQFQHQPSQEECEGSSLSAVFEHFAMMQRDSWEDIFELLFWGRTSAGTRQPQFI SRDWHGVPGQVDAAMAGRIYISGMAPRPSLAKKQFRFRHRNRKGYRSQRGHSRGR NQNSRRPSRAMWLSLFSSEESNLGANNYDDYRMDWLVPATCEPIQSVFFFSGDKY

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	YRVNLRTRRVDTVDPPYPRSIAQYWLGCAPAGHLTRTRPLEQKLISEEDLAANDILD YKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	VTN vitronectin [Homo sapiens (human)]
Official Symbol	VTN
Synonyms	VTN; vitronectin; vitronectin (serum spreading factor, somatomedin B, complement S protein); complement S protein; serum spreading factor; somatomedin B; VN; epibolin; S-protein; complement S-protein; serum-spreading factor; V75; VNT;
Gene ID	7448
mRNA Refseq	NM_000638
Protein Refseq	NP_000629
MIM	193190

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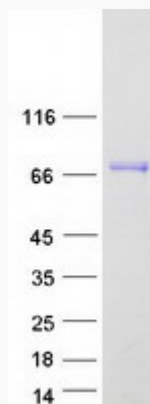
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UniProt ID

P04004

SDS-PAGE

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