

Recombinant Human VTN Protein, His-tagged

Cat. No. VTN-062H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human Vitronectin / VTN (rhVitronectin) Asp20-Leu478 (Accession # NP_000629.3) fused with a N-terminal 6×His tag was produced in human HEK 293 cells.
Species	Human
Source	HEK293
ProteinLength	20-478 a.a.
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. [provided by RefSeq, Jul 2008]
Molecular Mass	rhVitronectin is fused with a 6×his tag at N-terminal and the protein has a calculated MW of 53 kDa. DTT- reduced protein migrates as 66-70 kDa in SDS-PAGE resulting from glycosylation.
Endotoxin	Less than 1.0 EU per 1 g of the rhVitronectin by the LAL method.
Purity	>90% as determined by SDS-PAGE. All lots are greater than 90% pure.

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Notes	Research Use Only. Not for use in diagnostic or therapeutic procedures.
Storage	Store at -20 centigrade in lyophilized state after receipt. For long term storage, upon reconstitution rhTNFa should be aliquot and store at -20 centigrade or -8 centigrade centigrade. Avoid repeated freeze-thaw cycles.
Storage Buffer	Bulk protein in a 0.22 µ filtered solution of PBS, pH 7.4 and delivered as liquid formulation or lyophilized powder. Normally 5-8% trehalose and mannitol are added as protectants before lyophilization.

GENE INFORMATION

Gene Name	VTN vitronectin [Homo sapiens]
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
UniProt ID	P04004

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