

## Recombinant Human VTN Protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant human Vitronectin / VTN (rhVitronectin) Asp20-Leu478 (Accession # NP_000629.3 ) fused with a N-terminal 6xHis tag was produced in human HEK 293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	20-478 a.a.
<b>Description</b>	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]
<b>Molecular Mass</b>	rhVitronectin is fused with a 6xhis 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.
<b>Endotoxin</b>	Less than 1.0 EU per 1 g of the rhVitronectin by the LAL method.
<b>Purity</b>	>90% as determined by SDS-PAGE. All lots are greater than 90% pure.

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<b>Notes</b>	Research Use Only. Not for use in diagnostic or therapeutic procedures.
<b>Storage</b>	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.
<b>Storage Buffer</b>	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

<b>Gene Name</b>	VTN vitronectin [ Homo sapiens ]
<b>Official Symbol</b>	VTN
<b>Synonyms</b>	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;
<b>Gene ID</b>	7448
<b>mRNA Refseq</b>	NM_000638
<b>Protein Refseq</b>	NP_000629
<b>MIM</b>	193190
<b>UniProt ID</b>	P04004

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