

## Native Human VTN

**Cat. No.** VTN-31737TH    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Full length native multimeric Vitronectin from Human plasma. Predicted MWt: 75,000 , 420,000 ;
<b>Species</b>	Human
<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.
<b>Tissue specificity</b>	Plasma.
<b>Form</b>	Liquid
<b>Purity</b>	>95% by SDS-PAGE
<b>Storage buffer</b>	Preservative: None Constituents: 0.1M Sodium chloride, 0.05M Sodium phosphate, pH 7.4
<b>Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
<b>Sequence Similarities</b>	Contains 4 hemopexin-like domains.Contains 1 SMB (somatomedin-B) domain.

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**Full Length** Full L.

## 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;

**Gene ID** 7448

**mRNA Refseq** NM\_000638

**Protein Refseq** NP\_000629

**MIM** 193190

**Uniprot ID** P04004

**Chromosome Location** 17q11.2

**Pathway** ECM-receptor interaction, organism-specific biosystem; ECM-receptor interaction, conserved biosystem; FOXA1 transcription factor network, organism-specific biosystem; Focal Adhesion, organism-specific biosystem; Focal adhesion, organism-specific biosystem;

**Function** extracellular matrix binding; heparin binding; integrin binding; polysaccharide binding; scavenger receptor activity;

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