

Native Human VTN

Cat. No. VTN-31735TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full length native multimeric Vitronectin from Human plasma. Predicted MWt: 42 kDa ;
Species	Human
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.
Tissue specificity	Plasma.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 0.1M Sodium chloride, 0.05M Sodium phosphate, pH 7.4
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequence Similarities	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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