

Recombinant Human VTN

Cat. No. VTN-31131TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Vitronectin protein (Human), produced serum free in a human cell line EBNA293.
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	Ion Exchange Chromatography
Storage buffer	Preservative: None Constituents: 200mM Sodium chloride, 20mM Tris, pH 7.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Sequence Similarities	Contains 4 hemopexin-like domains. Contains 1 SMB (somatomedin-B) domain.
Full Length	Full L.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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