

# Recombinant human Vitronectin protein

Catalog Number: ATGP2741

## PRODUCT INFORMATION

---

### Expression system

E.coli

### Domain

20-478aa

### UniProt No.

P04004

### NCBI Accession No.

NP\_000629

### Alternative Names

VTN, VN, S-protein, Serum-spreading factor, V75, Vitronectin V65 subunit, Vitronectin V10 subunit, Somatomedin-B, Somatomedin B, Complement S-protein

## PRODUCT SPECIFICATION

---

### Molecular Weight

54.7 kDa (482aa)

### Concentration

0.5mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

### Purity

> 90% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE, Denatured

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

---

### Description

Vitronectin, also known as VTN, 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. Increased expression of VTN, integrins and plasminogen activators has been observed in migrating cells during wound healing. Recombinant human VTN protein, fused to His-tag at N-terminus, was expressed in E. coli.

# Recombinant human Vitronectin protein

Catalog Number: ATGP2741

## Amino acid Sequence

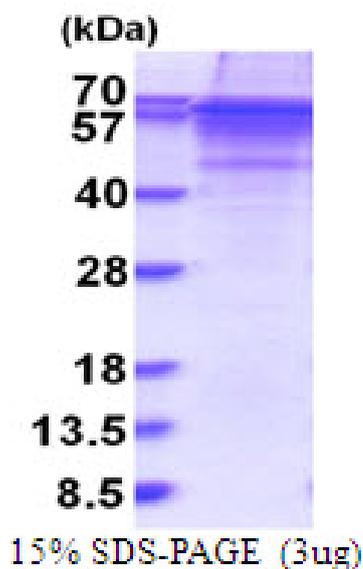
MGSSHHHHHH SSSLVPRGSH MGSDQESCKG RCTEGFNVDK KCQCDELCSY YQSCCTDYTA ECKPQVTRGD  
VFTMPED EYT VYDDGEEKNN ATVHEQVGGP SLTSDLQAQS KGNPEQTPVL KPEEEAPE VGASKPEGID SRPETLHPGR  
PQPPAEELC SGKPFDAFTD LKNGSLFAFR GQYCYELDEK AVRPGYPKLI RDVWGIEGPI DAAFTRINCQ GKTYLFKGSQ  
YWRFE DGVLD PDYPRNISDG FDGIPDNVDA ALALPAHSYS GRERVYFFKG KQYWEYQFQH QPSQEECEGS SLSAVFEHFA  
MMQRDSWEDI FELLFWGRTS AGTRQPQFIS RDWHGVPGQV DAAMAGRIYI SGMAPRPSLA KKQRFHRNR  
KGYRSQRGHS RGRNQNSRRP SRATWLSLFS SEESNLGANN YDDYRMDWLV PATCEPIQSV FFFSGDKYYR VNLRTRRVD  
VDPYPRSIA QYWLGC PAPG HL

## General References

Chain D., et al. (1991) FEBS Lett. 285: 251-256.  
Cherny R C., et al. (1993) J Biol Chem. 268: 9725-9729.

## DATA

### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.