

For Research Use Only

# Recombinant Human Vitronectin protein (rFc Tag)



Catalog Number: Eg4682

## Basic Information

**Species:**  
Human

**Purity:**  
>90 %, SDS-PAGE

**Tag:**  
rFc Tag

## Technical Specifications

**Purity:**  
>90 %, SDS-PAGE

**Endotoxin Level:**  
<0.1 EU/  $\mu$ g protein, LAL method

**Source:**  
HEK293-derived Human Vitronectin protein Asp20-Leu478 (Accession# P04004) with a rabbit IgG Fc tag at the C-terminus.

**GeneID:**  
7448

**Accession:**  
P04004

**Predicted Molecular Mass:**  
78.3 kDa

**SDS-PAGE:**  
90-110 kDa, reducing (R) conditions

**Formulation:**  
Lyophilized from 0.22  $\mu$ m filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.

## Biological Activity

Not tested

## Storage and Shipping

### Storage:

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

- Until expiry date, -20°C to -80°C as lyophilized proteins.
- 3 months, -20°C to -80°C under sterile conditions after reconstitution.

### Shipping:

The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

## Reconstitution

Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.

## Background

Vitronectin is a glycoprotein present in blood and in the extracellular matrix. Vitronectin is a multifunctional glycoprotein that mediates cell-to-substrate adhesion, inhibits the cytolytic action of the terminal complement cascade in vitro and binds to several serine protease inhibitors of the serpin family.

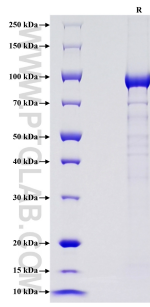
## References

1. Schwartz, I et al. The international journal of biochemistry & cell biology vol. 31,5 (1999): 539-44.
2. Fink, T M et al. Human genetics vol. 88,5 (1992): 569-72.

## Synonyms

Serum-spreading factor, Somatomedin-B, S-protein, V75, Vitronectin V10 subunit

## Selected Validation Data



Purity of Recombinant Human Vitronectin was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) conditions and stained using Coomassie blue.

For technical support and original validation data for this product please contact

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