

**Animal-Free Recombinant Human Vitronectin**  
**Catalog # PBG10507****Specification**

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**Animal-Free Recombinant Human Vitronectin - Product Information****Animal-Free Recombinant Human Vitronectin - Additional Information****Description**

Vitronectin is a secreted glycoprotein which is synthesized in the liver. It circulates primarily in monomeric form, but can undergo conformational change to a structure that forms disulfide linked multimers. The multimeric Vitronectin can efficiently bind to and incorporate into the extracellular matrix. Within the matrix, Vitronectin can support cell adhesion through binding to various integrins and other proteoglycans. Additionally, recombinant vitronectin can function as a chemically defined matrix component in human embryonic stem cell renewal media. Recombinant human Vitronectin is a 459 amino acid single chain monomeric protein, which migrates at an apparent molecular weight of 75 kDa by SDS-PAGE under reducing conditions.

**Biological Activity**

Testing in Progress.

**Authenticity**

Verified by N-terminal and Mass Spectrometry analyses (when applicable).

**Endotoxin**

Endotoxin level is <0.1 ng/ µg of protein (<1EU/ µg).

**Protein Content**

Verified by UV Spectroscopy and/or SDS-PAGE gel.

**Storage**

-20°C

**Precautions**

Animal-Free Recombinant Human Vitronectin is for research use only and not for use in diagnostic or therapeutic procedures.

**Animal-Free Recombinant Human Vitronectin - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)

- [Cell Culture](#)

## **Animal-Free Recombinant Human Vitronectin - Images**