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Animal-Free Recombinant Human Vitronectin

Catalog # PBG10507

Specification

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.

BiologicalActivity
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 Cytomety

- Cell Culture

Animal-Free Recombinant Human Vitronectin - Images