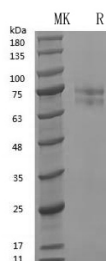


Summary

| | |
|---------------------------------|--|
| Name | Vitronectin |
| Purity | Greater than 98% as determined by reducing SDS-PAGE |
| Endotoxin level | ≤1 EU/mg |
| Construction | Recombinant Human Vitronectin is produced by our Mammalian cell expression system and the target gene encoding Asp20-Leu478 is expressed. |
| Accession # | P04004 |
| Host | Human Cells |
| Species | Human |
| Predicted Molecular Mass | 52.3 kDa |
| Formulation | Lyophilized From PBS,5% mannitol and 0.01% Tween 80, pH7.4 |
| Shipping | The product is shipped on dry ice/polar packs.Upon receipt, store it immediately at the temperature listed below. |
| Stability&Storage | Store at ≤-70°C, stable for 6 months after receipt.Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles. |
| Reconstitution | Always centrifuge tubes before opening.Do not mix by vortex or pipetting.It is not recommended to reconstitute to a concentration less than 100µg/ml.Dissolve the lyophilized protein in distilled water.Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |

SDS-PAGE image



Background

Product Name: Recombinant Human Vitronectin
Catalog #: PHH2560



Alternative Names

Vitronectin; VN; S-Protein; Serum-Spreading Factor; V75; VTN

Background

Vitronectin is also known as S-protein, VN, VTN, V75. Vitronectin, a multifunctional glycoprotein, is involved in coagulation, inhibition of the formation of the membrane attack complex (MAC), cell adhesion and migration, wound healing, and tissue remodeling. The primary cellular source of vitronectin is hepatocytes. Blocking of Hic(a member of the pneumococcal surface protein C (PspC) family) by specific antiserum or genetic deletion significantly reduced pneumococcal binding to soluble and immobilised vitronectin and to Factor H, respectively. In addition, Vitronectin interact with glycosaminoglycans and proteoglycans. Is recognized by certain members of the integrin family and serves as a cell-to-substrate adhesion molecule. Inhibitor of the membrane-damaging effect of the terminal cytolytic complement pathway.

Note

For Research Use Only , Not for Diagnostic Use.