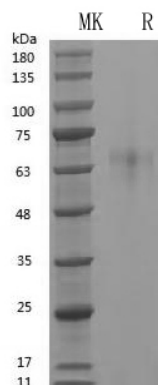


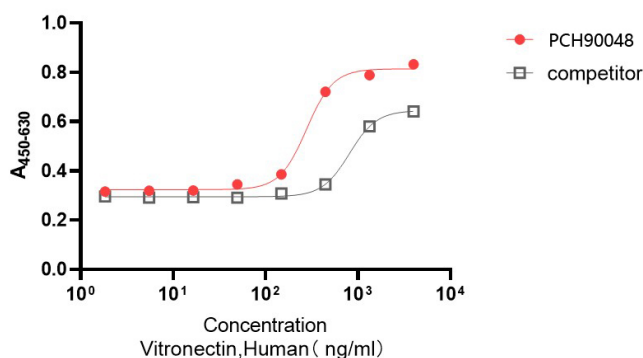
Summary

Name	Vitronectin
Purity	Greater than 95% 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
Tag	Tag free
Host	Mammalian cell
Species	Human
Predicted MW	52.3 kDa
Form	Lyophilized
Buffer	PBS,5% mannitol and 0.01% Tween 80, pH7.4
Shipping	The product is shipped at ambient temperature. 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. 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



Bioactivity image



The ED50 for this effect is 2-10 $\mu\text{g/mL}$.

Optimal concentration depends on cell type as well as the application or research objectives.

Background

Alternative Names

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

References

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

Product Name: GMP Recombinant Human Vitronectin
Catalog#: PCH90048



complement pathway.

Note

For research use only .