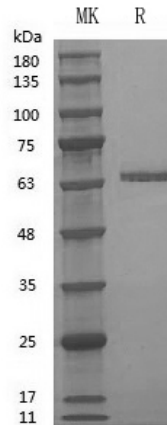


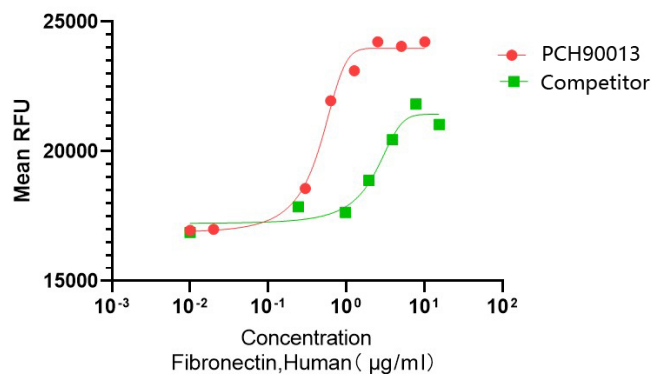
Summary

Name	Fibronectin
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	≤10 EU/mg
Construction	Recombinant Human Fibronectin is produced by our Mammalian cell expression system and the target gene encoding Pro1270-Ser1546&Ala1721-Thr2016 is expressed.
Accession #	P02751
Tag	Tag free
Host	Mammalian cell
Species	Human
Predicted MW	62.6 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 35.0-420 ng/mL

Background

Alternative Names

FN; Cold-insoluble globulin; CIG; FN; Fibronectin 1

References

Fibronectin1(FN1) is a secreted protein and contains 12 fibronectin type-I domains, fibronectin type-II domains and 16 fibronectin type-III domains. Recombinant human fibronectin fragment, is a protein of ~63 kDa containing a central cell-binding domain, a high affinity heparin-binding domain II, and CS1 site within the alternatively spliced III CS region of human fibronectin. Cells bind to a VLA-4 ligand, a CS-I site, and a VLA-5 ligand, a cell attachment domain, and virus vectors binds to a heparin binding domain II, which co-locates the cell and the virus vector on NovoNectin. This process enhances the density of both cells and vectors, and facilitates the gene transduction in the result.

Product Name: GMP Recombinant Human Fibronectin
Catalog#: PCH90013



Note

For research use only .