

## Recombinant human Fibronectin protein (Active, CHO)

Catalog Number: bs-48085P

Species: Human

AA Seq: Pro1270-Ser1546 & Ala1721-Thr2016

Predicted MW: 62.6

Tags: Tag free

Activity: Yes

Endotoxin:  $\leq 10$  EU/mg

Purity:  $\geq 95\%$  as determined by SDS-PAGE.

Purification: AC

Form: Lyophilized

Storage: Lyophilized from a 0.22 $\mu$ m-filtered solution containing PBS, 5% Mannitol and 0.01% Tween 80, pH7.4

Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 36 months at -20°C to -80°C in lyophilized state. 6 months at -20°C to -80°C under sterile conditions after reconstitution. 7-10 days at 2°C to 8°C under sterile conditions after reconstitution.

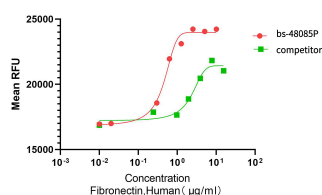
Background: bs-0666P is a synthetic peptide derived from human Fibronectin.

This gene encodes fibronectin, a glycoprotein present in a soluble dimeric form in plasma, and in a dimeric or multimeric form at the cell surface and in extracellular matrix.

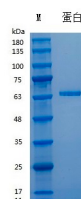
Fibronectin is involved in cell adhesion and migration processes including embryogenesis, wound healing, blood coagulation, host defense, and metastasis. The gene has three regions subject to alternative splicing, with the potential to produce 20 different transcript variants. However, the full-length nature of some variants has not been determined.

[provided by RefSeq, Jul 2008].

### VALIDATION IMAGES



Measured by the ability of the immobilized protein to support the adhesion of NIH3T3 mouse embryonic fibroblast cells. The ED50 for this effect is 35.0-420 ng/mL.



The purity of the protein is greater than 95% as determined by reducing SDS-PAGE.