

Active GMP Recombinant Human Fibronectin Fragment

Cat. No. Fibronectin-674H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human Fibronectin Fragment was expressed in E. coli.
Species	Human
Source	E.coli
Form	Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM Tris-HCl, 150 mM NaCl, 5% Trehalose, 0.02% Tween-20, pH 8.5.
Bio-activity	Measured by its ability to support cell attachment and spreading when used as a substratum for cell culture. In this application, the recommended concentration for this effect is typically 1-5 µg/cm ² . Fibronectin can also be added to the media to support cell spreading at a concentration of 0.5-50 µg/mL.
Molecular Mass	Approximately 62.6 kDa, a single non-glycosylated polypeptide chain containing 574 amino acids.
Endotoxin	Less than 0.1 EU/g of rPrimeNectin GMP as determined by LAL method.
Purity	> 95% by SDS-PAGE and HPLC analyses.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at $\leq -20^{\circ}\text{C}$. Further dilutions should be made in appropriate buffered solutions.

SDS-PAGE Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA