

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.

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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

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