

Human Plasma Fibronectin

Description

Human Plasma Fibronectin is isolated from human plasma by affinity chromatography, filtered (0.2µm) and supplied lyophilized. Fibronectin is a large, cell surface and plasma protein that exhibits structural and adhesive properties in cell-associated fibrillar matrices. Fibronectin is one of the primary cell adhesion molecules. Human Plasma Fibronectin has a molecular weight of 440,000 daltons and is made up of two 220,000 dalton polypeptides.

Cat. no.

33016-015

Size

5 mg

Store at 2°C to 8°C

Product Use

For Research Use Only. Not for use in diagnostic procedures.

Shelf Life

21 months from Date of Manufacture. Do not store in dilute solution. Do not freeze/thaw repeatedly.

Safety Information

Read the Safety Data Sheets (SDSs) and follow the handling instructions.

Wear appropriate protective eyewear, clothing, and gloves.

Human origin materials are non-reactive (donor level) for anti-HIV 1 & 2, anti-HCV and HBsAg. Handle in accordance with established bio-safety practices.

Use

Add stock solution of 1mg/mL Fibronectin directly to tissue culture media to the desired final concentration (suggested range 10–50 µg/mL).

Reconstitute Fibronectin

Human Plasma Fibronectin should be reconstituted in sterile deionized or distilled water.

1. Aseptically add 5mL of sterile water directly into the vial of Fibronectin. Ensure complete dissolution with gentle swirling and inversion of the vial. **Note:** Care must be taken not to vortex or vigorously mix the solution. The resulting solution will be 1 mg/mL Fibronectin in 100 mM CAPS, 0.15 M NaCl, 1 mM CaCl_2 , pH 11.5. Upon dilution in tissue culture media, these agents do not significantly affect the biological activity of Fibronectin.
2. Dispense into aliquots and store at -20°C to -5°C protected from light. Avoid subjecting to multiple freeze/thaw cycles.

Limited Product Warranty

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