

Product Sheet

Fibronectin, human

Catalog # FIBRO-10

Description Fibronectin is an extracellular matrix protein. It is required for adhesion of certain cells growing in culture. Human fibronectin has a molecular weight of 440,000 daltons and is made up of two 220,000 dalton subunits. This product is isolated from human plasma by affinity chromatography. This product is suitable for tissue culture uses.

Source Human plasma

Formulation Lyophilized powder, carrier-free

Reconstitution Before reconstitution, we recommend a brief spin to drive down any material dislodged from the bottom of the tube. It is recommended to reconstitute the lyophilized product in aqueous medium to 1 mg/mL concentration.

Stability The lyophilized protein is stable for at least 1 year if stored at -80 degree C, 6 months at -20 degree C. Reconstituted protein is stable for at least 1 month at 4 degree C. Avoid repeated freeze/thaw.

Purity Greater than 95% by SDS-PAGE analysis

Biological Activity The activity of allowing adhesive cell growth was determined by culturing human mesenchymal stem cells at 1 ug/cm².

Country of Origin USA

NOTE The human-source raw material used in this product tested negative for hepatitis B virus (HBV), hepatitis C virus (HCV), human immunodeficiency virus type-1 (HIV-1) and type-2 (HIV-2) and Treponema pallidum. Nevertheless, handle as if it is potentially infectious.

For Research Use Only. Not for Use in Humans.