

Recombinant Human Fibronectin(HEK293-expressed, His Tag)

Catalog Number: Y13142H

Characteristics:

Source HEK293

Specification:

Appearance White powder, colorless clear liquid after reconstitution

Purity $\geq 95\%$, by SDS-PAGE (under reducing (R)& Non-reducing conditions, visualized by Coomassie staining)

Endotoxin ≤ 10 EU/mg by the LAL method

Activity Measured by the ability of the immobilized protein to support the adhesion of NIH3T3 mouse embryonic fibroblast cells. The ED_{50} for this effect is < 400 ng/mL.

Formulation Lyophilized from a $0.22\ \mu\text{m}$ -filtered solution containing 20 mM Sodium acetate, 5% Mannitol and 0.01% Tween 80, pH 2.5

Size 10 $\mu\text{g/vial}$, 50 $\mu\text{g/vial}$, 1 mg/vial

Handling and Storage:

Reconstitution It is recommended to redissolve in sterile deionized water.

Shipping The product is shipped with blue ice

Storage & Stability 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
Use a manual defrost freezer and avoid repeated freeze-thaw cycles.