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## Recombinant Human Fibronectin

**Product Number: CK01311**

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### Characteristics:

**Source:** E. coli

**Description:** Human Fibronectin Fragment

**Accession #** P02751

**Predicted molecular mass:** 62.6 kDa

### Specification:

**Appearance:** White powder, Colorless clear liquid after reconstitution

**Purity:** ≥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 ED50 for this effect is 35.0-420 ng/mL.

**Formulation:** Lyophilized from a 0.22 µm-filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH 7.4

**Size:** 50 µg/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 2°C to 8°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.**