

Active Recombinant Human FN1 protein, His-tagged

Cat. No. FN1-2176H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human FN1 protein(NP_997647.1)(Asn1722-Thr1811) is expressed in HEK293, fused with a 6xHis tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1722-1811 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of NIH-3T3 mouse embryonic fibroblast cells. When cells are added to Fibronectin coated plates (2.5 µg/mL and 100 µL/well), approximately 30%-40% cells will adhere specifically after 30 minutes at 37°C.
Molecular Mass	10.70 kDa
Endotoxin	< 1 EU/µg of the protein by LAL method.
Purity	≥ 90 % as determined by SDS-PAGE.
Storage	Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

GENE INFORMATION

Gene Name FN1 fibronectin 1 [Homo sapiens]

Official Symbol FN1

Synonyms

FN1; fibronectin 1; fibronectin; CIG; cold insoluble globulin; FINC; GFND2; LETS; migration stimulating factor; MSF; cold-insoluble globulin; migration-stimulating factor; FN; FNZ; ED-B; GFND; DKFZp686H0342; DKFZp686I1370; DKFZp686F10164; DKFZp686O13149;

Gene ID 2335

mRNA Refseq NM_002026

Protein Refseq NP_002017

MIM 135600

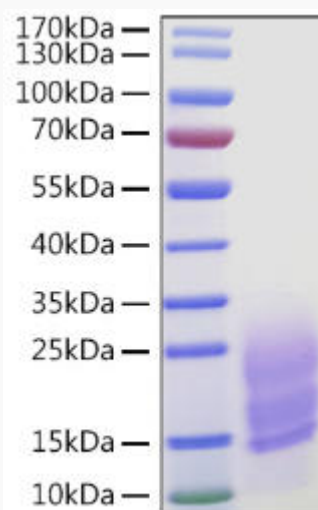
UniProt ID P02751

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SDS-PAGE



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