

Recombinant Human FN1 protein, His-tagged

Cat. No. FN1-759H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FN1 aa. (Ala2206~Asp2337 (Accession # P02751)) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ala2206~Asp2337
Description	This gene encodes fibronectin, a glycoprotein present in a soluble dimeric form in plasma, and in a dimeric or multimeric form at the cell surface and in extracellular matrix. The encoded preproprotein is proteolytically processed to generate the mature protein. Fibronectin is involved in cell adhesion and migration processes including embryogenesis, wound healing, blood coagulation, host defense, and metastasis. The gene has three regions subject to alternative splicing, with the potential to produce 20 different transcript variants, at least one of which encodes an isoform that undergoes proteolytic processing. The full-length nature of some variants has not been determined.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 16.1kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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Purity	> 95%
Characteristic	The isoelectric point is 5.3.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in 20mM Tris, 500mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in ddH ₂ O.

GENE INFORMATION

Gene Name	FN1 fibronectin 1 [Homo sapiens (human)]
Official Symbol	FN1
Synonyms	FN1; fibronectin 1; FN; CIG; FNZ; MSF; ED-B; FINC; GFND; LETS; GFND2; fibronectin; cold-insoluble globulin; migration-stimulating factor
Gene ID	2335
mRNA Refseq	NM_001306129.1

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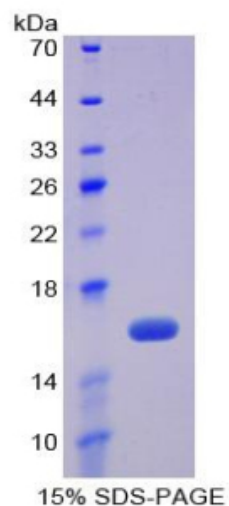
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Protein Refseq NP_001293058.1

UniProt ID P02751

SDS-PAGE



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