

Native Human FN1 protein

Cat. No. FN1-2708H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Human Fibronectin protein was purified from Human blood/plasma.
Species	Human
Source	Human blood/plasma
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	Lyophilized from 20 mM Hepes, 150 mM NaCl, pH 7.4
Molecular Mass	550000
Purity	>95% by SDS-PAGE
Notes	Although the starting material was prior to initiation of the manufacturing process, and was found negative or nonreactive for anti HIV-1/2, HIV-1 RNA, HBsAg, STS, anti-HCV, HCV RNA, anti-Hbcore and anti-HTLV, extreme caution should be used when

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handling this material as there is a margin of error in all tests, and testing does not always disclose pathogens or other harmful substances contained in blood/plasma products.

Storage Store it at 4 centigrade

Reconstitution Reconstitute with 1.36 milliliters of water to achieve 1.5 mg/ml. Following reconstitution, allow product to dissolve for at least 30 minutes at 37 centigrade. A small amount of undissolved material may remain.

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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