

Native Human FN1

Cat. No. FN1-28900TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full length Human Fibronectin , Heterodimer, 550kDa.
Species	Human
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. 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. However, the full-length nature of some variants has not been determined.
Tissue specificity	Plasma FN (soluble dimeric form) is secreted by hepatocytes. Cellular FN (dimeric or cross-linked multimeric forms), made by fibroblasts, epithelial and other cell types, is deposited as fibrils in the extracellular matrix. Ugl-Y1, Ugl-Y2 and Ugl-Y3 are f
Form	Lyophilised:Reconstitute with 1.0 milliliters of water to achieve 2.0 mg/mL.
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: 20mM HEPES, 150mM Sodium chloride, pH 7.4
Storage	Store at 4°C. Upon reconstitution store at -80oC.
Sequence	Contains 12 fibronectin type-I domains.Contains 2 fibronectin type-II

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Similarities	domains.Contains 16 fibronectin type-III domains.
Full Length	Full L.
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;
Gene ID	2335
mRNA Refseq	NM_002026
Protein Refseq	NP_002017
MIM	135600
Uniprot ID	P02751
Chromosome Location	2q34
Pathway	Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; Angiopoietin receptor Tie2-mediated signaling, organism-specific biosystem; Bacterial invasion of epithelial cells, organism-specific biosystem; Bacterial invasion of epithelial cells, conserved biosystem;
Function	collagen binding; extracellular matrix structural constituent; heparin binding; protein

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binding;

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