Recombinant Human FN1 protein, T7/His-tagged

Cat. No. FN1-32H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant FN-III domain of Human fibronectin cDNA fused with T7-His-TEV cleavage site Tag (29aa) at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Form	0.5 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	MASMTGGQQMGRGHHHHHHGNLYFQGGEFPSPRDLQFVEVTDVKVTIMWTPPES AVTGYRVDVIPVNLPGEHGQR LPISRNTFAEVTGLSPGVTYYFKVFAVSHGRESKPL TAQQTT
Purity	>90% by SDS-PAGE
Applications	1. May be used for in vitro human ES lineage specific differentiation regulations study coating with this protein.2. May be used for in vitro protein-protein interaction mapping.3. As antigen for specific antibody production.
Storage	Keep at -80centigrade for long term storage. Product is stable at 4 centigrade for at least 15 days.

GENE INFORMATION

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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
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; Cell surface interactions at the vascular wall, organism-specific biosystem; ECM-receptor interaction, organism-specific biosystem;
Function	collagen binding; extracellular matrix structural constituent; heparin binding; protein binding;

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