

## Active Recombinant Human FN1, His-tagged

**Cat. No.** FN1-519H    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Human FN1 (Accession # CAE45932) Met1-Pro1908, fused with a C-terminal 6-His tag, was produced in Spodoptera frugiperda, Sf 9 (baculovirus)-derived.                                                                                                                                                                   |
| <b>Species</b>              | Human                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>               | Sf9 Cells                                                                                                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>        | 1-1908 a.a.                                                                                                                                                                                                                                                                                                                        |
| <b>Predicted N Terminal</b> | No results obtained: Gln32 predicted, sequencing might be blocked                                                                                                                                                                                                                                                                  |
| <b>Form</b>                 | Lyophilized from a 0.2 µm filtered solution in PBS and Tween® 20.                                                                                                                                                                                                                                                                  |
| <b>Bio-activity</b>         | Measured by its ability to support cell attachment and spreading when used as a substratum for cell culture. In this application, the recommended concentration for this effect is typically 1 - 5 µg/cm <sup>2</sup> . Fibronectin can also be added to the media to support cell spreading at a concentration of 0.5 - 50 µg/mL. |
| <b>Molecular Mass</b>       | Recombinant Human FN1, His-tagged has a calculated MW of 206.7 kDa. In SDS-PAGE migrates as 190-210 kDa, reducing conditions.                                                                                                                                                                                                      |
| <b>Purity</b>               | >90%, by SDS-PAGE under reducing conditions and visualized by silver stain.                                                                                                                                                                                                                                                        |
| <b>Storage</b>              | Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In                                                                                                                                                                                                                                              |

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lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

## 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

**Chromosome Location** 2q34

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