

Active Recombinant Human FN1 Protein, His-tagged

Cat. No. FN1-882H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human FN1 (Accession # NP_997647) Val1913-Glu2477, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived. |
| Species | Human |
| Source | Mammalian Cells |
| ProteinLength | Val1913-Glu2477 |
| Predicted N Terminal | Val1913 |
| Form | Lyophilized from a 0.2 µm filtered solution in PBS. |
| Bio-activity | Measured by the ability of the immobilized protein to support the adhesion of B16-F1 mouse melanoma cells. When 5 x 10 ⁴ cells/well are added to rhFN1.4 coated plates (3 µg/mL and 100 µL/well), approximately 60 - 80% will adhere after 30 minutes at 37° C. |
| Molecular Mass | Recombinant Human FN1, His-tagged has a calculated MW of 63.5 kDa. In SDS-PAGE migrates as 70-95 kDa, reducing conditions. |
| Purity | >95%, by SDS-PAGE under reducing conditions and visualized by silver stain. |
| Storage | Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 |

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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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