

Active Recombinant Human FGF1, Met-tagged

Cat. No. FGF1-619H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGF1 (Accession # NP_000791) Phe16-Asp155, fused with an N-terminal Met, was produced in E. coli-derived.
Species	Human
Source	E.coli
ProteinLength	16-155 a.a.
Predicted N Terminal	Met
Form	Lyophilized from a 0.2 µm filtered solution in MOPS, Na2SO4 and EDTA with BSA as a carrier protein.
Bio-activity	Measured in a cell proliferation assay using NR6R-3T3 mouse fibroblast cells. Rizzino, A. et al. (1988) Cancer Res. 48:4266; Thomas, K. et al. (1987) Methods Enzymol. 147:120. The ED50 for this effect is typically 0.1-0.3 ng/mL in the presence of 10 µg/mL of heparin.
Molecular Mass	Recombinant Human FGF1, Met-tagged has a calculated MW of 15.5 kDa.
Purity	>97%, 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).

Reconstitution

Reconstitute at 100 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name

ITGA6 integrin, alpha 6 [Homo sapiens]

Official Symbol

ITGA6

Synonyms

ITGA6; integrin, alpha 6; integrin alpha-6; CD49f; integrin alpha6B; CD49 antigen-like family member F; VLA-6; ITGA6B; FLJ18737; DKFZp686J01244;

Gene ID

3655

mRNA Refseq

NM_000210

Protein Refseq

NP_000201

MIM

147556

UniProt ID

P23229

**Chromosome
Location**

2q31.1

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