

Active Recombinant Human FGF8, Met-tagged

Cat. No. FGF8-348H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGF8 (Accession # AAH69106) Gln23-Arg244, fused with an N-terminal Met, was produced in E. coli-derived.
Species	Human
Source	E.coli
ProteinLength	23-244 a.a.
Predicted N Terminal	Met
Form	Lyophilized from a 0.2 µm filtered solution in MOPS, Na ₂ SO ₄ , EDTA and DTT 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 0.04 - 0.2 µg/mL in the presence of 10 µg/mL of heparin.
Molecular Mass	Recombinant Human FGF8, Met-tagged has a calculated MW of 25.5 kDa. In SDS-PAGE migrates as 29 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

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

FGF8 fibroblast growth factor 8 (androgen-induced) [Homo sapiens]

Official Symbol

FGF8

Synonyms

FGF8; fibroblast growth factor 8 (androgen-induced); fibroblast growth factor 8; AIGF; androgen-induced growth factor; heparin-binding growth factor 8; KAL6; FGF-8; HBGF-8; MGC149376;

Gene ID

2253

mRNA Refseq

NM_001206389

Protein Refseq

NP_001193318

MIM

600483

UniProt ID

P55075

**Chromosome
Location**

10q25-q26

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