

## Active Recombinant Human FGF8, Met-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human FGF8 (Accession # AAH69106) Gln23-Arg244, fused with an N-terminal Met, was produced in E. coli-derived.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	23-244 a.a.
<b>Predicted N Terminal</b>	Met
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in MOPS, Na <sub>2</sub> SO <sub>4</sub> , EDTA and DTT with BSA as a carrier protein.
<b>Bio-activity</b>	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 ED <sub>50</sub> for this effect is typically 0.04 - 0.2 µg/mL in the presence of 10 µg/mL of heparin.
<b>Molecular Mass</b>	Recombinant Human FGF8, Met-tagged has a calculated MW of 25.5 kDa. In SDS-PAGE migrates as 29 kDa, reducing conditions.
<b>Purity</b>	>95%, 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).

**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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