

## Active Recombinant Human FGF3

**Cat. No.** FGF3-560H    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                                                                                                             |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Human FGF3 (Accession # NP_005238) Asp28-Arg212, fused with an N-terminal Met, was produced in E. coli.                                                                                                                                                         |
| <b>Species</b>              | Human                                                                                                                                                                                                                                                                       |
| <b>Source</b>               | E.coli                                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>        | Asp28-Arg212                                                                                                                                                                                                                                                                |
| <b>Predicted N Terminal</b> | Met                                                                                                                                                                                                                                                                         |
| <b>Form</b>                 | Lyophilized from a 0.2 µ filtered solution in MOPS, Na2SO4 and EDTA 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 ED50 for this effect is typically 0.02-0.1 µg/mL in the presence of 1 µg/mL of heparin. |
| <b>Molecular Mass</b>       | Recombinant Human FGF3, Met-tagged has a calculated MW of 21.1 kDa.                                                                                                                                                                                                         |
| <b>Purity</b>               | >97%, 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 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** FGF3 fibroblast growth factor 3 [ Homo sapiens ]

**Official Symbol** FGF3

**Synonyms**

FGF3; fibroblast growth factor 3; fibroblast growth factor 3 (murine mammary tumor virus integration site (v int 2) oncogene homolog) , INT2; HBGF 3; INT 2 proto oncogene protein; murine mammary tumor virus integration site 2; mouse; oncogene INT2; V INT2 murine mammary tumor virus integration site oncogene homolog; FGF-3; proto-oncogene Int-2; INT-2 proto-oncogene protein; heparin-binding growth factor 3; murine mammary tumor virus integration site 2, mouse; V-INT2 murine mammary tumor virus integration site oncogene homolog; fibroblast growth factor 3 (murine mammary tumor virus integration site (v-int-2) oncogene homolog); INT2; HBGF-3;

**Gene ID** 2248

**mRNA Refseq** NM\_005247

**Protein Refseq** NP\_005238

**MIM** 164950

**UniProt ID** P11487

**Chromosome Location** 11q13

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