

Active Recombinant Human FGF3 protein, His-tagged

Cat. No. FGF3-1426H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGF3 protein(Ala18-His239), fused with His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	18-239 a.a.
Form	Lyophilized from 0.22 µm filtered solution in 20 mM Mops,0.2 M Arginine,2 mM TCEP,2 mM EDTA, pH7.3 with trehalose as protectant.
Bio-activity	Immobilized Human FGF-3, His Tag at 5 µg/mL (100 µL/well) can bind Human FGF R2 (IIIb), Fc Tag with a linear range of 0.02-2.5 µg/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminusThe protein has a calculated MW of 27.0 kDa. The protein migrates as 30 kDa under reducing (R) condition (SDS-PAGE).
Proteinlength	Ala18-His239
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Storage For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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

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UniProt ID

P11487

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