

Active Recombinant Human FGF4 Protein (Gly25-Leu206), C-His tagged, Animal-free, Carrier-free

Cat. No. FGF4-96H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGF4 Protein (Gly25-Leu206) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
Species	Human
Source	E.coli
ProteinLength	Gly25-Leu206
Description	Fibroblast Growth Factors-4 (FGF-4) is a 22 kDa member of the fibroblast Growth Factors with 206 amino acid residues. FGF-4 can regulate embryonic development, cell proliferation, and cell differentiation. FGF-4 is an important role development during embryogenesis.
Form	Lyophilized
Bio-activity	Measure by its ability to induce 3T3 cells proliferation. The ED50 for this effect is < 2.5 ng/mL. The specific activity of recombinant human FGF-4 is > 4×10^5 IU/mg.
Molecular Mass	The protein has a calculated MW of 20.70 kDa. The protein migrates as 22 kDa under reducing condition (SDS-PAGE analysis).
Endotoxin	< 0.1 EU/μg of the protein by the LAL method.

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Purity	>95% as determined by SDS-PAGE analysis.
Storage	This product is stable after storage at: -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS containing 0.1% sarkosyl, pH 8.0.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

GENE INFORMATION

Gene Name	FGF4 fibroblast growth factor 4 [Homo sapiens (human)]
Official Symbol	FGF4
Synonyms	FGF4; fibroblast growth factor 4; heparin secretory transforming protein 1 , HSTF1; HBGF 4; HST; HST 1; human stomach cancer; transforming factor from FGF related oncogene; K FGF; kaposi sarcoma oncogene; KFGF; transforming protein KS3; FGF-4; HSTF-1; oncogene HST; heparin-binding growth factor 4; heparin secretory transforming protein 1; heparin secretory-transforming protein 1; fibroblast growth factor 4 splice isoform; human stomach cancer, transforming factor from FGF-related oncogene; HST-1; HSTF1; K-FGF; HBGF-4;
Gene ID	2249

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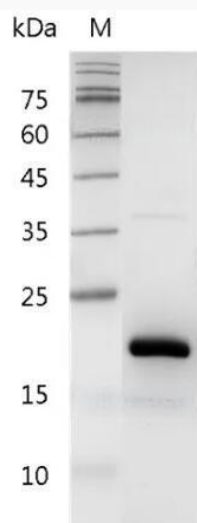
mRNA Refseq [NM_002007](#)

Protein Refseq [NP_001998](#)

MIM [164980](#)

UniProt ID [P08620](#)

**SDS-PAGE analysis
of recombinant
human FGF-4.**



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