

Active Recombinant Human FGF9 Protein (Pro3-Ser208), C-His tagged, Animal-free, Carrier-free

Cat. No. FGF9-101H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGF9 Protein (Pro3-Ser208) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
Species	Human
Source	E.coli
ProteinLength	Pro3-Ser208
Description	Fibroblast Growth Factors-9 (FGF-9) is a 23.4 kDa member of the fibroblast Growth Factors with 208 amino acid residues. FGF-9 is an important role embryonic development, cell proliferation, cell differentiation and cell migration in cell functions. It can regulate bone development, glial cell growth and differentiation during development, angiogenesis, differentiation and survival of neuronal cells.
Form	Lyophilized
Bio-activity	Measure by its ability to induce 3T3 cells proliferation. The ED50 for this effect is < 2 ng/mL.
Molecular Mass	The protein has a calculated MW of 22.14 kDa. The protein migrates as 24 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, pH 7.4.
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	FGF9 fibroblast growth factor 9 (glia-activating factor) [Homo sapiens (human)]
Official Symbol	FGF9
Synonyms	FGF9; fibroblast growth factor 9 (glia-activating factor); fibroblast growth factor 9; FGF-9; HBGF-9; heparin-binding growth factor 9; GAF; SYNS3; HBFG-9; MGC119914; MGC119915;
Gene ID	2254
mRNA Refseq	NM_002010
Protein Refseq	NP_002001

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MIM 600921

UniProt ID P31371

**SDS-PAGE analysis
of recombinant
human FGF-9.**

kDa

75

63


48

35


25

17



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