

Active Recombinant Human FGF9 protein, hFc-tagged

Cat. No. FGF9-202H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGF9 protein(NP_002001.1)(Leu4-Ser208), fused with hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	4-208 a.a.
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured in a cell proliferation assay using Balb/c 3T3 mouse embryonic fibroblasts. The ED50 for this effect is typically 10-60 ng/mL.
Molecular Mass	The recombinant human Fc/FGF9 is a disulfide-linked homodimeric protein. The reduced monomer consists of 463 amino acids and has a predicted molecular mass of 54 and 37 kDa as estimated in SDS-PAGE under reducing conditions duo to glycosylation.
Proteinlength	Leu4-Ser208
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method

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Purity	> 85 %, as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
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	FGF9 fibroblast growth factor 9 (glia-activating factor) [Homo sapiens]
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
MIM	600921
UniProt ID	P31371

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