

Active Recombinant Human FGF8 protein, Low Endotoxin

Cat. No. FGF8-771H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGF8 protein(P55075-2)(Gln23-Arg204) was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	23-204 aa
Form	Lyophilized from 0.22 µm filtered solution in 20mM Tris-HCl, 300mM NaCl (pH 8.5). Normally 8% mannitol is added as protectant before lyophilization.
Bio-activity	Measured in a cell proliferation assay using BALB/3T3 mouse fibroblasts. The ED50 for this effect is 0.5 - 2 µg/mL.
Molecular Mass	The protein has a predicted MW of 21.20 kDa same as Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name FGF8 fibroblast growth factor 8 (androgen-induced) [Homo sapiens]

Official Symbol FGF8

Synonyms FGF8; fibroblast growth factor 8 (androgen-induced); fibroblast growth factor 8; AIGF; androgen-induced growth factor; heparin-binding growth factor 8; KAL6; FGF-8; HBGF-8; MGC149376;

Gene ID 2253

mRNA Refseq NM_001206389

Protein Refseq NP_001193318

MIM 600483

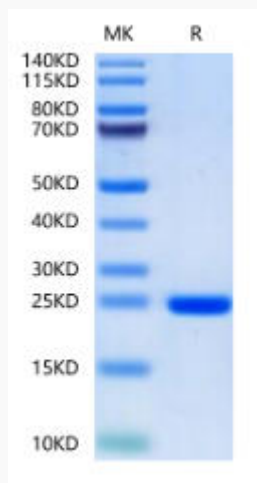
UniProt ID P55075

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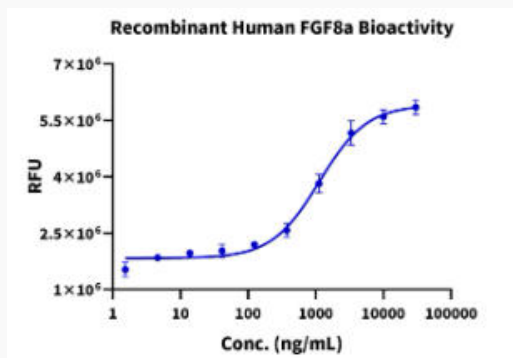
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Bis-Tris PAGE



Cell Based Assay



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