

Active Recombinant Human FGF7 protein, His-tagged

Cat. No. FGF7-282H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human FGF7 protein(P21781-1)(Cys32-Thr194) is expressed from E.coli with His tag at the N-Terminus.
Species	Human
Source	E.coli
ProteinLength	32-194 aa
Form	Supplied as 0.22µm filtered solution in 50mM Tris, 250mM NaCl (pH 7.5).
Bio-activity	Immobilized Human FGF-7, His Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Human FGFR2 beta (IIIb), hFc Tag with the EC50 of 1.22µg/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 20.1 kDa same as Bis-Tris PAGE result.
Endotoxin	Less than 0.1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 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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Concentration 0.2-1.0 mg/mL.

GENE INFORMATION

Gene Name FGF7 fibroblast growth factor 7 [Homo sapiens]

Official Symbol FGF7

Synonyms FGF7; fibroblast growth factor 7; fibroblast growth factor 7 (keratinocyte growth factor); keratinocyte growth factor; KGF; FGF-7; heparin-binding growth factor 7; HBGF-7;

Gene ID 2252

mRNA Refseq NM_002009

Protein Refseq NP_002000

MIM 148180

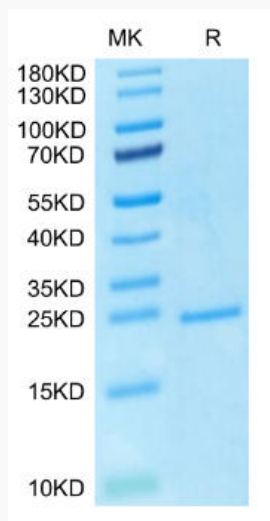
UniProt ID P21781

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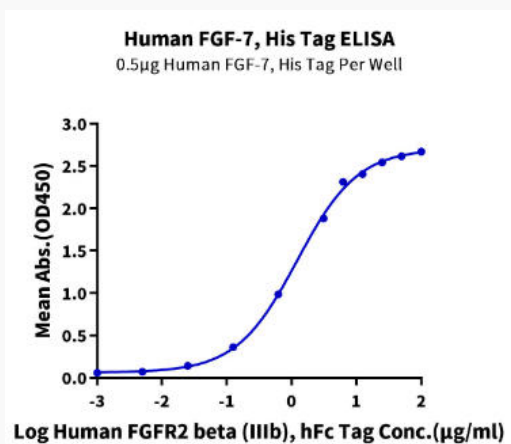
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Bis-Tris PAGE



ELISA Data



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