

Active GMP Recombinant Human FGF7 Protein

Cat. No. FGF7-01HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active GMP Recombinant Human FGF7 Protein(P21781)(32-194 aa) was expressed in CHO.
Species	Human
Source	CHO
ProteinLength	32-194 aa
Form	PBS, 5% mannitol and 0.01% Tween 80, pH7.4
Bio-activity	Measured by its ability to induce IL-11 secretion by Saos-2 human osteosarcoma cells. The ED50 for this effect is ≤ 1 μ g/mL.
Molecular Mass	18.8 kDa
AASequence	CNDMTPEQMATNVNCSSPERHTRS DYMEGGDIRVRR LFCRTQWYLRIDKRGKVK GTQEMKNNYNIMEIRTVAVGIVA IKGVESEFYLAMNKEGKLYAKKECNEDCNFKELIL ENHYNTYASAKWTHNGGEMFVALNQKGIPVRGKKTKKEQKTAHFLPMAIT
Endotoxin	≤ 10 EU/mg by the LAL method
Purity	$\geq 95\%$, by SDS-PAGE (under conditions, visualized by Coomassie staining)
Storage	36 months at -20°C to -80°C in lyophilized state 6 months at -20°C to -80°C under

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sterile conditions after reconstitution 7-10 days at 2°C to 8°C under sterile conditions after reconstitution Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Reconstitution It is recommended to redissolve in sterile deionized water.

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

Activity

SDS-PAGE

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