

# Active GMP Recombinant Human FGF7 Protein

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

## SPECIFICATION

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