

Active Recombinant Human FGF10 protein, His-tagged

Cat. No. FGF10-1293H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGF10 protein(Gln 38 - Ser 208), fused with His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	Gln38-Ser208
Form	Lyophilized from 0.22 µm filtered solution in 20 mM Mops,0.2 M Arginine,1 mM EDTA,1 mM DTT,pH7.0 with trehalose as protectant.
Bio-activity	Immobilized Human FGF-10, His Tag at 5 µg/mL (100 µL/well) can bind Human FGF R2 (IIIb), Fc Tag with a linear range of 0.6-10 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the N-terminusThe protein has a calculated MW of 21.2 kDa. The protein migrates as 27 kDa under reducing (R) condition (SDS-PAGE).
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower.Please protect from light and avoid repeated freeze-thaw cycles.This product is

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stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

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 FGF10 fibroblast growth factor 10 [Homo sapiens]

Official Symbol FGF10

Synonyms FGF10; fibroblast growth factor 10; FGF-10; keratinocyte growth factor 2; produced by fibroblasts of urinary bladder lamina propria;

Gene ID 2255

mRNA Refseq NM_004465

Protein Refseq NP_004456

MIM 602115

UniProt ID O15520

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