

Active Recombinant Human FGF10 protein, His-Avi-tagged, Biotinylated

Cat. No. FGF10-1428H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human FGF10 protein(Gln38-Ser208), fused with His and Avi tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	38-208 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, 1 mM TCEP, 0.5 M Arginine, pH 7.4 with trehalose as protectant.
Bio-activity	Biotinylated Human FGF-10, His,Avi tag immobilized on SA Chip can bind Human FGFR2 (IIIb), His Tag with an affinity constant of 5.02 µM as determined in a SPR assay (Biacore 8K).
Molecular Mass	This protein carries a polyhistidine tag at the N-terminus, followed by an Avi tag (Avitag™).The protein has a calculated MW of 22.9 kDa. The protein migrates as 27 kDa under reducing (R) condition (SDS-PAGE).
Proteinlength	Gln38-Ser208
Endotoxin	Less than 0.1 EU per µg by the LAL method.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 avoid repeated freeze-thaw cycles. This product is 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.
Conjugation	Biotin

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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