

Active Recombinant Human FGF10 protein(Gln38-Ser208), Low Endotoxin

Cat. No. FGF10-1237H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mature form of Human FGF10 (NP_004456.1) (Gln38-Ser208) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gln38-Ser208
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured in a cell proliferation assay using BaF3 Mouse pro-B cells transfected with Human FGFR2b. The EC50 for this effect is typically 2-14 ng/mL.
Molecular Mass	The recombinant Human FGF10 consists of 172 amino acids and has a predicted molecular mass of 19.5 kDa as estimated in SDS-PAGE under reducing conditions.
Endotoxin	< 5 EU per mg of the protein.
Purity	≥ 95 % as determined by SDS-PAGE. ≥ 95 % as determined by SEC-HPLC.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

 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

be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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

 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