

Active Recombinant Human FGF10 Protein

Cat. No. FGF10-024H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The mature recombinant human FGF-10 protein consists of 172 amino acids (37-208) without tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	37-208 a.a.
Description	The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This protein exhibits mitogenic activity for keratinizing epidermal cells, but essentially no activity for fibroblasts, which is similar to the biological activity of FGF7. Studies of the mouse homolog of suggested that this gene is required for embryonic epidermal morphogenesis including brain development, lung morphogenesis, and initiation of limb bud formation. This gene is also implicated to be a primary factor in the process of wound healing.
Bio-activity	Measured in a cell proliferation assay using 4MBr5 rhesus monkey epithelial cells. The ED50 for this effect is 20-100 ng/mL.
Molecular Mass	19.3 kDa

 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

Product-Related Proteins	37-208
Endotoxin	< 0.1 EU/μg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	At -80 centigrade. Avoid repeated freeze-thaw cycles.
Storage Buffer	PBS

GENE INFORMATION

Gene Name	FGF10 fibroblast growth factor 10 [Homo sapiens (human)]
Official Symbol	FGF10
Synonyms	FGF10; fibroblast growth factor 10; 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