

Active Recombinant Human FGF10 protein(Primary Amine Labeling), Biotinylated, Low Endotoxin

Cat. No. FGF10-6743H Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human FGF10 protein(Primary Amine Labeling)(O15520)(38-208 aa) was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	38-208 aa
Conjugation/Label	Biotin
Form	Lyophilized from 0.22 µm filtered solution in PBS, 200mM L-arginine (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Biotinylated Human FGF10, No tag immobilized on CM5 Chip can bind Human FGFR2 alpha IIIb, His tag with an affinity constant of 147.70 nM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 19.3 kDa same as Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC

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Storage Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

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

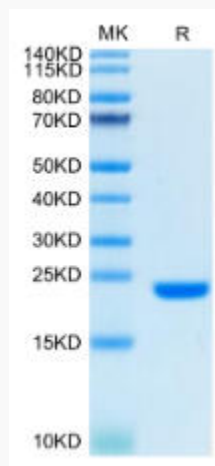
UniProt ID O15520

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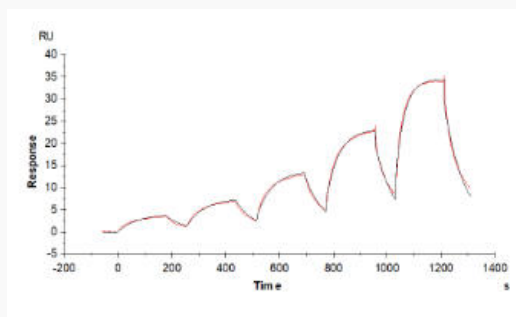
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Bis-Tris PAGE



SPR Data



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