

Recombinant Human FGF10 protein

Cat. No. FGF10-232H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGF10 protein(O15520)(Gln38-Ser208) was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	Gln38-Ser208
Tag	Non
Form	Lyophilized from 0.22µm filtered solution in 20mM Tris, 150mM NaCl (pH 8.0). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Human FGF10, No Tag immobilized on CM5 Chip can bind Human FGFR2 beta (IIIb) , hFc Tag with an affinity constant of 0.299 nM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 19.3 kDa. The protein migrates to 25 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 90% as determined by Tris-Bis PAGE

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Storage Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Reconstitution Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. 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

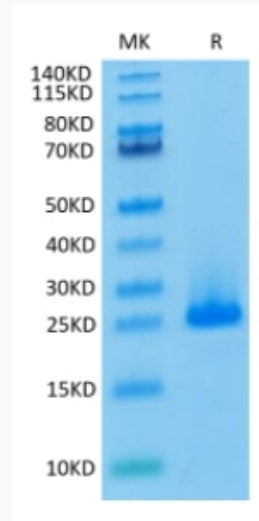
UniProt ID O15520

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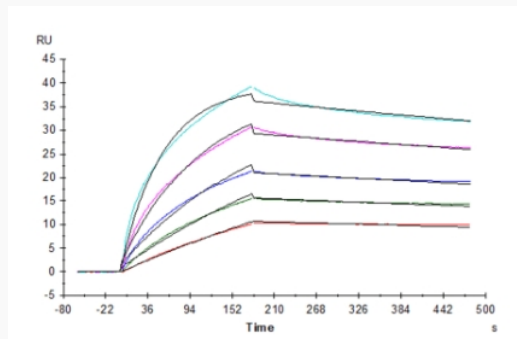
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Tris-Bis PAGE



SPR Data



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