

Recombinant Human FGF2 protein

Cat. No. FGF2-482H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGF2 protein(P09038-4)(Pro143-Ser288) was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	Pro143-Ser288
Tag	Non
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human FGF basic at 0.5 µg/ml (100 µl/Well) on the plate. Dose response curve for Human Glypican 1, His Tag with the EC50 of 12.6 ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 16.5 kDa same as Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual

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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 FGF2 fibroblast growth factor 2 (basic) [Homo sapiens]

Official Symbol FGF2

Synonyms FGF2; fibroblast growth factor 2 (basic); FGFB; fibroblast growth factor 2; prostatropin; heparin-binding growth factor 2; basic fibroblast growth factor bFGF; BFGF; FGF-2; HBGF-2;

Gene ID 2247

mRNA Refseq NM_002006

Protein Refseq NP_001997

MIM 134920

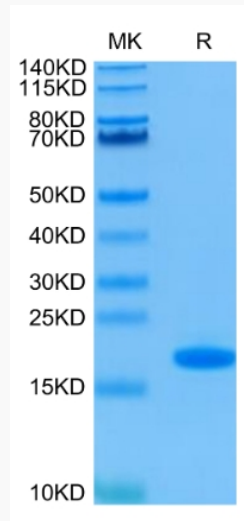
UniProt ID P09038

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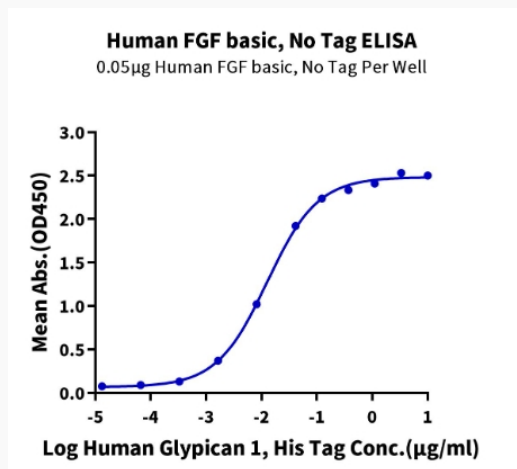
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Tris-Bis PAGE



ELISA Data



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