

Active Recombinant Human FGF2 protein, Low Endotoxin

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	143-288 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS, 8% trehalose (pH 7.4).
Bio-activity	Immobilized Human FGF basic at 1µg/ml (100µl/Well) on the plate. Dose response curve for Human Glypican 1, His Tag with the EC50 of 11.1ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 16.5 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
Storage	Store at -20 to -80°C for 24 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.

 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

Reconstitution 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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Bis-Tris PAGE



ELISA Data

