

Active Recombinant Human FGF6 Protein (Gly41-Ile208), C-His tagged, Animal-free, Carrier-free

Cat. No. FGF6-98H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGF6 Protein (Gly41-Ile208) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
Species	Human
Source	E.coli
ProteinLength	Gly41-Ile208
Description	Fibroblast Growth Factors-6 (FGF-6) is a 22.9 kDa member of the fibroblast Growth Factors with 208 amino acid residues. FGF-6 is an important role in the regulation of cell proliferation, cell differentiation, angiogenesis and myogenesis. In physiological function, FGF6 is required for normal muscle regeneration.
Form	Lyophilized
Bio-activity	Measure by its ability to induce 3T3 cells proliferation. The ED50 for this effect is < 0.1 ng/mL. The specific activity of recombinant human FGF-6 is > 1×10^7 IU/mg.
Molecular Mass	The protein has a calculated MW of 19.66 kDa. The protein migrates as 19 kDa under reducing condition (SDS-PAGE analysis).
Endotoxin	< 0.1 EU/μg of the protein by the LAL method.

 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

Purity	>98% as determined by SDS-PAGE analysis.
Storage	This product is stable after storage at: -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 2 weeks under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution containing 20 mM sodium citrate and 0.2 M NaCl, pH 3.5.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

GENE INFORMATION

Gene Name	FGF6 fibroblast growth factor 6 [Homo sapiens (human)]
Official Symbol	FGF6
Synonyms	FGF6; fibroblast growth factor 6; FGF-6; HST-2; HSTF-2; heparin-binding growth factor 6; heparin secretory-transforming protein 2; HST2; HBGF-6;
Gene ID	2251
mRNA Refseq	NM_020996
Protein Refseq	NP_066276

 Tel: 1-631-559-9269 1-516-512-3133

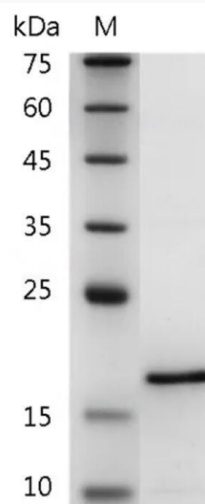
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

MIM 134921

UniProt ID P10767

SDS-PAGE analysis
of recombinant
human FGF-6.



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