

Active Recombinant Human FGF2, Ala-tagged

Cat. No. FGF2-730H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGF2 (Accession # NP_001997) Pro143-Ser288, fused with an N-terminal Ala, was produced in E. coli-derived.
Species	Human
Source	E.coli
ProteinLength	143-288 a.a.
Predicted N Terminal	Ala
Form	Lyophilized from a 0.2 µm filtered solution in Tris-HCl and NaCl.
Bio-activity	Measured in a cell proliferation assay using NR6R-3T3 mouse fibroblast cells. Raines, E.W. et al. (1985) Methods Enzymol. 10 ⁹ :749. The ED50 for this effect is typically 0.1 - 0.6 ng/mL.
Molecular Mass	Recombinant Human FGF2, Ala-tagged has a calculated MW of 16.0 kDa. In SDS-PAGE migrates as 17 kDa under reducing conditions.
Purity	>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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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
Chromosome Location	4q26

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