

Active Recombinant Human FGF2 protein

Cat. No. FGF2-754H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human FGF2 protein was expressed in Yeast.
Species	Human
Source	Yeast
Form	Lyophilized from a 0.2µm filtered solution in 50mM PBNa, pH 7.0.
Bio-activity	Measured in a cell proliferation assay using Balb/C3T3, ED50 shall be less than 56ng/ml.
Molecular Mass	Approximately 16.5kD.
Endotoxin	<1EU/µg, determined by the LAL method.
Purity	≥97%.
Storage	Lyophilized samples are stable for 36 months from date of manufacture at -20°C to -70°C. Upon reconstitution, this cytokine can be stored under sterile conditions at 2- 8°C for one month or at -20°C to -70°C in a manual defrost freezer for three months without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended to centrifuge at 10,000rpm for 30-60 sec or 3000rpm for 5 min

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before opening the tube, and then reconstitute with 0.2ml sterile 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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