

acidic FGF (FGF-1) Active Protein | fgf1 active protein

Recombinant Human Acidic FGF1

CATALOG #
AAA47950

HOST
Genetically engineered E Coli

PRODUCT SYNONYMS

acidic FGF (FGF-1); Recombinant Human Acidic FGF1; Recombinant human acidic FGF (FGF-1); Human Fibroblast Growth Factor 1; fgf1 active protein

PRODUCT SPECIFICATIONS

Host	Genetically engineered E Coli
Specificity	Recombinant human acidic FGF (FGF-1) In the presence of heparin, 45101 binds to most cells that express FGF receptor; binds to all known isoforms of FGF receptor.
Purity/Purification	>90% Purification: Purified by heparin affinity chromatography and HPLC; single band at 1 ug on silver-stained SDS-PAGE.
Biological Activity	The activity of acidic FGF at 1-10 ng/ml is determined by a cellular proliferation assay using mouse fibroblasts. The optimal concentration of this product for use with other cell types must be determined by the end user.
Diluent	0.1% trifluoroacetic acid + 40% acetonitrile.
Preservatives	None
Dilutions Instructions	Dilute with either 0.1% TFA/40% acetonitrile or PBS/0.1% CHAPS for best stability and to prevent absorption of product on walls of vessels.
Preparation and Storage	This product is stable for at least one (1) year at -20 degree C to -70 degree C. Keep frozen until use. Store product in appropriate aliquots to avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Product Categories/Family for fgf1 active protein	Recombinant Growth Factors
References	Burgess, WH and Maciag, T (1989) Annual Rev Biochem 58: 575.

NCBI AND UNIPROT INFORMATION

NCBI GI #	218664449
NCBI GeneID	100217324
NCBI Accession #	NP_001136293.1
NCBI GenBank Nucleotide #	NM_001142821.1
Molecular Weight	15,000 daltons
NCBI Official Full Name	fibroblast growth factor 1 (acidic)
NCBI Official Synonym Full Names	fibroblast growth factor 1 (acidic)
NCBI Official Symbol	fgf1

NCBI Official Synonym Symbols	aFGF; ecgf; fgfa; ecgfa; ecgfb; fgf-1; hbgf1; HBGF-1; glio703; ecgf-beta; fgf-alpha
NCBI Protein Information	fibroblast growth factor 1 (acidic); fibroblast growth factor 1 (acidic); acidic fgf

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/e-coli-active-protein/acidic-fgf-fgf-1/47950>