Fibroblast growth factor 2 (Fgf2) Recombinant Protein | Fgf2 recombinant protein

Recombinant Mouse Fibroblast growth factor 2 (Fgf2)

CATALOG #	HOST
AAA114156	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Fibroblast growth factor 2 (Fgf2); Recombinant Mouse Fibroblast growth factor 2 (Fgf2); Fgf2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	10-154. Full Length of Mature Protein
Sequence	PALPEDGGAA FPPGHFKDPK RLYCKNGGFF LRIHPDGRVD GVREKSDPHV KLQLQAEERG VVSIKGVCAN RYLAMKEDGR LLASKCVTEE CFFFERLESN NYNTYRSRKY SSWYVALKRT GQYKLGSKTG PGQKAILFLP MSAKS
Species	Mouse
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Fgf2 recombinant protein	This protein is a member of the fibroblast growth factor (FGF) family. FGF family members bind heparin and possess broad mitogenic and angiogenic activities. This protein has been implicated in diverse biological processes, such as limb and nervous system development, wound healing, and tumor growth. The mRNA for this gene contains multiple polyadenylation sites, and is alternatively translated from non-AUG (CUG) and AUG initiation codons, resulting in five different isoforms with distinct properties. The CUG-initiated isoforms are localized in the nucleus and are responsible for the intracrine effect, whereas, the AUG-initiated form is mostly cytosolic and is responsible for the paracrine and autocrine effects of this FGF.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7106315
NCBI GeneID	14173
NCBI Accession #	NP_032032.1
NCBI GenBank Nucleotide #	NM_008006.2
UniProt Accession #	P15655
Molecular Weight	17,153 Da
NCBI Official Full Name	fibroblast growth factor 2
NCBI Official Synonym Full Names	fibroblast growth factor 2
NCBI Official Symbol	Fgf2
NCBI Official Synonym Symbols	Fgfb; bFGF; Fgf-2

NCBI Protein Information	fibroblast growth factor 2
UniProt Protein Name	Fibroblast growth factor 2
UniProt Gene Name	**Fgf2**
UniProt Synonym Gene Names	Fgf-2; FGF-2; bFGF; HBGF-2

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://stage.aaabiotech.com/fgf2-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114156