

FGF-2/bFGF active protein

Active Recombinant Mouse FGF-2/bFGF Protein

CATALOG #
AAA282469

HOST
E coli

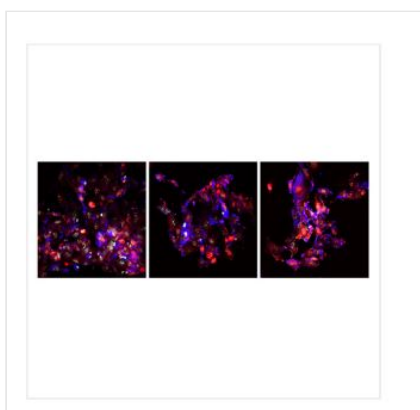
PRODUCT SYNONYMS

FGF-2/bFGF; Active Recombinant Mouse FGF-2/bFGF Protein; FGF2; BFGF; FGFB; FGF basic; HBGF-2; FGFb; FGF-2/bFGF active protein

PRODUCT SPECIFICATIONS

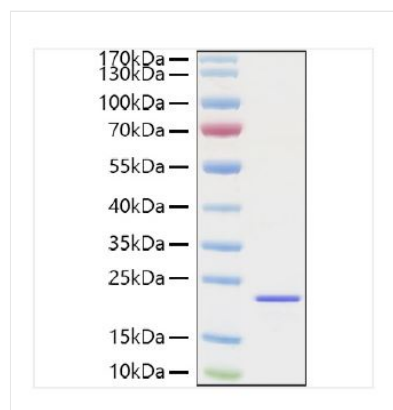
Host	E coli
Purity/Purification	> 95% by SDS-PAGE.
Form/Format	Liquid Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.
Species	Mouse
Tag	C-His
Bioactivity	Active Recombinant Mouse FGF2 was added during DP cell culture. The immunofluorescence identification showed that 1 ng/mL FGF2 could maintain the cellular characteristics of DP cells. The red part is the fluorescently labeled PDFGRA antibody, and the blue-cyan part is the DAPI-stained cells.
Preparation and Storage	Store the lyophilized protein at -20 to -80 degree C for 12 months. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week. Avoid repeated freeze/thaw cycles. Ship: Ice Pack

IMAGES



Application Data

Active Recombinant Mouse FGF2 was added during DP cell culture. The immunofluorescence identification showed that 1 ng/mL FGF2 could maintain the cellular characteristics of DP cells.



SDS-PAGE

Active Recombinant Mouse FGF-2/bFGF Protein was determined by SDS-PAGE with Coomassie Blue, showing bands at 22 kDa.

ADDITIONAL INFORMATION

Related Product Information for FGF-2/bFGF active protein

Active Recombinant Mouse FGF-2/bFGF Protein is produced by *E coli* expression system. The target protein is expressed with sequence (Ala11-Ser154) of mouse FGF2/FGFB (Accession #NP_032032.1) fused with 6×His tag at the C-terminus.

Product Categories/Family for FGF-2/bFGF active protein	Growth Factor
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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; HBGF-2; basic fibroblast growth factor; heparin-binding 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
UniProt Entry Name	FGF2_MOUSE

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.