

FGF8 active protein

Recombinant Mouse FGF8

CATALOG #
AAA214334

HOST
E Coli

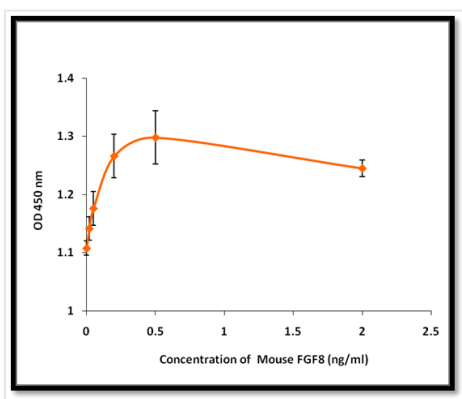
PRODUCT SYNONYMS

FGF8; Recombinant Mouse FGF8; FGF-8; Androgen-induced growth factor; AIGF; Heparin-binding growth factor 8; HBGF-8; Recombinant Mouse Fibroblast Growth Factor 8 (FGF8); FGF8 active protein

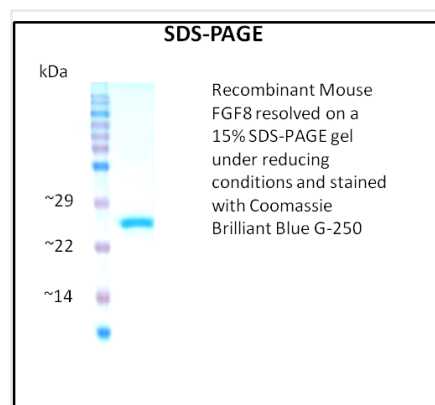
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% as determined by SDS-PAGE
Form/Format	Lyophilized from a 0.2 um filtered solution in 20mM phosphate buffer, 0.2 mM EDTA and 1M NaCl (pH 8.0)
Sequence Length	140
Bioactivity	The bioactivity was determined in a NIH/3T3 cell proliferation assay. The ED50 was in the range of 0.05-0.5 ng/ml.
Endotoxin Level	<1.0 EU/ug of recombinant protein as determined by the LAL method.
Reconstitution	A quick spin of the vial followed by reconstitution at 100 ug/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for FGF8 active protein	FGF-8 (FGF8-b) is a member of the fibroblast growth factor family, which have wide mitogenic and cell survival activities. Additionally, they participate in a number of biological processes during prenatal development, postnatal growth and tissue generation. FGF family members have been implicated in tumour growth, FGF8 specifically in anchorage independent growth of mammary tumour cells. Adult expression of FGF8 is restricted to the testes and ovaries. As an embryonic epithelial growth factor, FGF8 sets up and maintains the midbrain/hindbrain border, and has further roles in limb development, organogenesis and left-axis determination. Recombinant Murine FGF-8b is a 22.5 kDa heparin binding growth factor consisting of 197 amino acids and shares 100% amino acid identity with human FGF-8b.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	329755303
NCBI GeneID	2253
NCBI GenBank Nucleotide #	NP_001193318.1
Molecular Weight	22.5 kDa
NCBI Official Full Name	fibroblast growth factor 8 isoform G
NCBI Official Synonym Full Names	fibroblast growth factor 8
NCBI Official Symbol	FGF8
NCBI Official Synonym Symbols	HH6; AIGF; KAL6; FGF-8; HBGF-8
NCBI Protein Information	fibroblast growth factor 8

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/fgf8/214334>