

FGF8 active protein

Recombinant Human FGF8

CATALOG #
AAA214272

HOST
E Coli

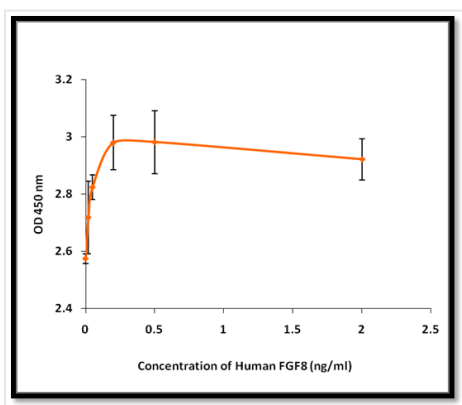
PRODUCT SYNONYMS

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

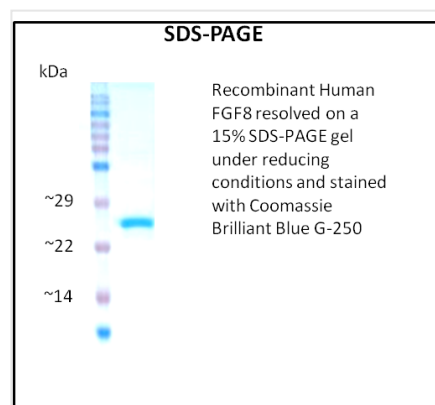
PRODUCT SPECIFICATIONS

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	215
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	The lyophilized protein is stable for at least one year from date of receipt at -70 degree C. Upon reconstitution, this cytokine can be stored in working aliquots at 2-8 degree C for one month, or at -20 degree C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for FGF8 active protein

FGF-8 is a heparin binding protein of the FGF family which works to control cell division, differentiation, and function. These proteins are especially prominent during prenatal development and postnatal growth. FGF-8 can be spliced in four different ways. The products of the FGF-8 splicing events are as follows: FGF8A, 8B, 8E and 8F. This recombinant product represents isoform 8B.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174439
NCBI GeneID	2253
NCBI Accession #	NP_006110.1
NCBI GenBank Nucleotide #	NP_006110.1
UniProt Accession #	P55075
Molecular Weight	22.5 kDa
NCBI Official Full Name	fibroblast growth factor 8 isoform B
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
UniProt Protein Name	Fibroblast growth factor 8
UniProt Gene Name	FGF8
UniProt Synonym Gene Names	AIGF; FGF-8; AIGF; HBGF-8
UniProt Entry Name	FGF8_HUMAN

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/fgf8/214272>