

FGF18 active protein

Recombinant Human FGF18

CATALOG #
AAA214296

HOST
E Coli

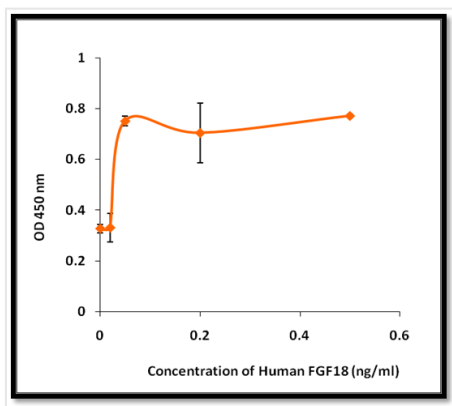
PRODUCT SYNONYMS

FGF18; Recombinant Human FGF18; Fibroblast Growth Factor-18; zFGF5; FGF18 active protein

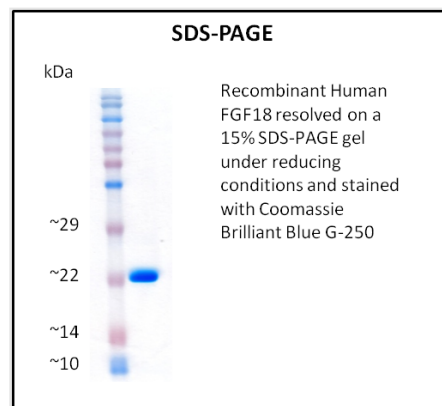
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% as determined by SDS-PAGE
Form/Format	Lyophilized from a 0.2 um filtered solution in phosphate buffer, NaCl, KCl and EDTA (pH 7.5)
Sequence Length	207
Bioactivity	The bioactivity was determined in a 3T3 cell proliferation assay. The ED50 was in the range of 0.05-0.1 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 in sterile distilled water to a concentration not less than 0.1 mg/mL is recommended. Please note, filter sterilization is a must following reconstitution. This solution can then be diluted into other buffers.
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 FGF18 active protein

Human FGF18 is a member of the FGF family, a group of related proteins having broad mitogenic and cell survival activity. Members of this family have key roles in prenatal development, as well as postnatal growth and tissue regeneration. FGF18 promotes chondrogenesis, through interaction with FGFR3. It has been demonstrated to cause an increase in cartilage in a murine osteoarthritis model. It has also been implicated in the proliferation of tissues, notably the liver and small intestine. FGF18 also signals through FGFR 1c, 2c and 4. Recombinant Human FGF18 is a 20.4 kDa heparin binding growth factor.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503695
NCBI GeneID	8817
NCBI Accession #	NP_003853.1
NCBI GenBank Nucleotide #	NP_003853.1
UniProt Accession #	O76093
Molecular Weight	20.4 kDa
NCBI Official Full Name	fibroblast growth factor 18
NCBI Official Synonym Full Names	fibroblast growth factor 18
NCBI Official Symbol	FGF18
NCBI Official Synonym Symbols	ZFGF5; FGF-18
NCBI Protein Information	fibroblast growth factor 18
UniProt Protein Name	Fibroblast growth factor 18
UniProt Gene Name	FGF18
UniProt Synonym Gene Names	FGF-18
UniProt Entry Name	FGF18_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/e-coli-active-protein/fgf18/214296>