

FGF10 active protein

Recombinant Human FGF10

CATALOG #
AAA214219

HOST
E Coli

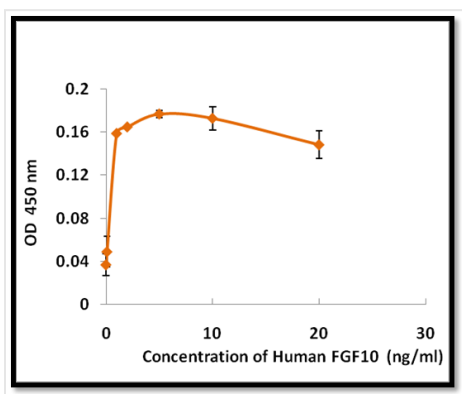
PRODUCT SYNONYMS

FGF10; Recombinant Human FGF10; FGF-10; FGFA; Keratinocyte growth factor-2; Recombinant Human Fibroblast Growth Factor 10 (FGF10); FGF10 active protein

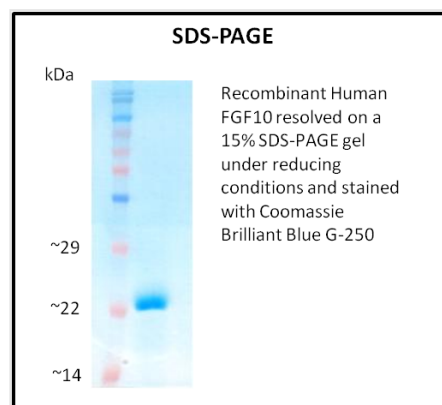
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% as determined by SDS-PAGE
Form/Format	Lyophilized from 0.2 um filtered solution in PBS (pH 7.0) and 1mM DTT
Sequence Length	208
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 in distilled water to a concentration not less than 0.1 mg/mL. 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 FGF10 active protein

FGF-10 is involved in the initial budding as well as the continuous outgrowth of vertebrate limbs. FGF-10 mRNA is expressed preferentially in neurons but not in glial cells and may have a distinct role in the brain. Human FGF-10 is mitogenic for fetal rat keratinizing epidermal cells but not for NIH 3T3 cells. Recombinant FGF-10 induces the proliferation of human urothelial cells in vitro and induces the proliferation of transitional epithelium. FGF-10 is secreted by cultured mouse pre-adipocytes, prevention of FGF-10 signaling inhibits subsequent differentiation. The ability of embryonic fibroblasts derived from FGF-10 knock-out mice to differentiate into adipocytes is also impaired.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758360
NCBI GeneID	2255
NCBI Accession #	NP_004456.1
NCBI GenBank Nucleotide #	NP_004456.1
UniProt Accession #	O15520
Molecular Weight	19.0 kDa
NCBI Official Full Name	fibroblast growth factor 10
NCBI Official Synonym Full Names	fibroblast growth factor 10
NCBI Official Symbol	FGF10
NCBI Protein Information	fibroblast growth factor 10
UniProt Protein Name	Fibroblast growth factor 10
UniProt Gene Name	FGF10
UniProt Synonym Gene Names	FGF-10
UniProt Entry Name	FGF10_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://stage.aaabiotech.com/e-coli-active-protein/fgf10/214219>