

FGF4 active protein

Recombinant Human FGF4

CATALOG #
AAA214307

HOST
E Coli

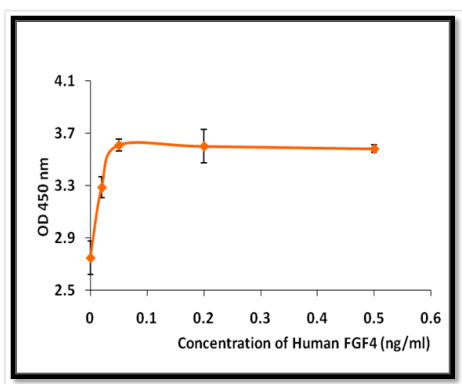
PRODUCT SYNONYMS

FGF4; Recombinant Human FGF4; Heparin-binding growth factor 4; HBGF-4; Heparin secretory-transforming protein 1; HST; HST-1; HSTF-1; Transforming protein K3; FGFK; KFGF; Kaposi's sarcoma associated FGF; FGF4 active protein

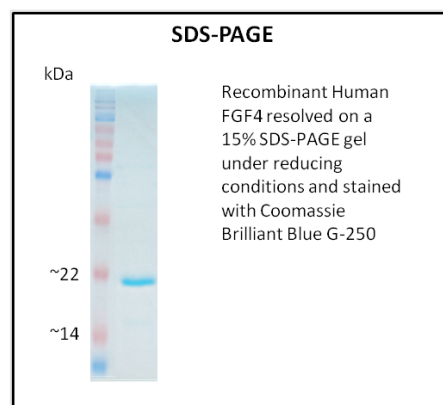
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% as determined by SDS-PAGE
Form/Format	Lyophilized from a 0.2 um filtered solution in PBS (pH 8.0)
Sequence Length	206
Bioactivity	The ED50 as determined by the dose-dependent stimulation of mouse fibroblasts was <0.2 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 FGF4 active protein

A member of the FGF family, FGF4 plays an important role in the regulation of embryonic development, cell proliferation, and cell differentiation. FGF4 binds to anionic glycosaminoglycans heparin and heparin sulfate with high affinity and mediates its diverse functions through the FGF receptors (FGFR) 1c, 2c, 3c, and 4. Human FGF4 is known to exhibit cross species activity with mouse, rat, bovine and canine FGF4. Recombinant Human FGF4 is a single polypeptide of 20 kDa.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503701
NCBI GeneID	2249
NCBI Accession #	NP_001998.1
NCBI GenBank Nucleotide #	NP_001998.1
UniProt Accession #	P08620
Molecular Weight	20.0 kDa
NCBI Official Full Name	fibroblast growth factor 4
NCBI Official Synonym Full Names	fibroblast growth factor 4
NCBI Official Symbol	FGF4
NCBI Official Synonym Symbols	HST; KFGF; FGF-4; HST-1; HSTF1; K-FGF; HBGF-4; HSTF-1
NCBI Protein Information	fibroblast growth factor 4
UniProt Protein Name	Fibroblast growth factor 4
UniProt Gene Name	FGF4
UniProt Synonym Gene Names	HST; HSTF1; KS3; FGF-4; HST; HST-1; HSTF-1; HBGF-4
UniProt Entry Name	FGF4_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/fgf4/214307>