

KGF (FGF7) Active Protein | FGF7 active protein

Recombinant Human KGF (FGF7)

CATALOG #
AAA214239

HOST
E Coli

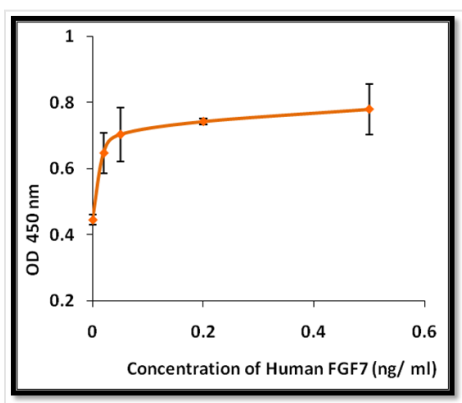
PRODUCT SYNONYMS

KGF (FGF7); Recombinant Human KGF (FGF7); KGF; Fibroblast Growth Factor-7; HBGF-7; Heparin-binding growth factor 7; Recombinant Human Keratinocyte Growth Factor (FGF7); FGF7 active protein

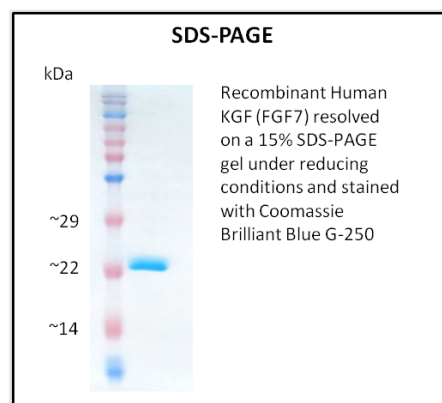
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% as determined by SDS-PAGE
Form/Format	Lyophilized from a 0.2 um filtered solution in PBS (pH 7.0)
Sequence Length	194
Bioactivity	The ED50 as determined by the dose-dependent proliferation of 3T3 cells was found to be less than 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 FGF7 active protein

KGF is a member of the family of fibroblast growth factors, it is secreted in large amounts by fibroblast-like stromal cells in epithelial tissues. The KGF receptor encodes a tyrosine kinase and is a member of the family of receptors binding aFGF and bFGF. Binding of KGF to its receptor is competed by aFGF and bFGF. Although KGF is a potent specific mitogen for many epithelial cells it is not so for fibroblasts and endothelial cells. KGF is thought to play an important role in the paracrine growth control of normal epithelial cells. KGF stimulates the proliferation of primary and secondary human keratinocytes to the same extent as EGF.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503705
NCBI GeneID	2252
NCBI Accession #	NP_002000.1
NCBI GenBank Nucleotide #	NP_002000.1
UniProt Accession #	P21781
Molecular Weight	19.0 kDa
NCBI Official Full Name	fibroblast growth factor 7
NCBI Official Synonym Full Names	fibroblast growth factor 7
NCBI Official Symbol	FGF7
NCBI Official Synonym Symbols	KGF; HBGF-7
NCBI Protein Information	fibroblast growth factor 7
UniProt Protein Name	Fibroblast growth factor 7
UniProt Gene Name	FGF7
UniProt Synonym Gene Names	KGF; FGF-7; HBGF-7
UniProt Entry Name	FGF7_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/kgf-fgf7/214239>