

Active Recombinant Human FGF7 Protein, Animal Free

Cat. No. FGF7-10H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGF7 Protein without tag was expressed in Human cells. Animal Free and Xeno Free
Species	Human
Source	Human Cells
Description	FGF-7 (KGF) is a member of the fibroblast growth factor family. FGF-7 is expressed in mesenchymal origin cells. FGF-7 plays an important role in the regulation of embryonic development, cell proliferation and cell differentiation. FGF-7 is required for normal branching morphogenesis, growth factor active on keratinocytes. FGF-7 is possible major paracrine effector of normal epithelial cell proliferation.
Bio-activity	The activity was measured by its ability to stimulate the proliferation of 4MBr-5 cells (monkey epithelial cell line).
Molecular Mass	17-30 kDa
Endotoxin	<0.5 EU/ µg
Purity	High Purity, >95% by SDS-PAGE
Stability	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. In general: 12 months from date of receipt, -20 to -80 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -80

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Storage Buffer Lyophilized from a 0.2 µm filtered solution in PBS without carrier protein

Reconstitution Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile PBS containing 0.1% endotoxin-free recombinant human serum albumin.

GENE INFORMATION

Gene Name FGF7 fibroblast growth factor 7 [Homo sapiens (human)]

Official Symbol FGF7

Synonyms FGF7; fibroblast growth factor 7; fibroblast growth factor 7 (keratinocyte growth factor); keratinocyte growth factor; KGF; FGF-7; heparin-binding growth factor 7; HBGF-7;

Gene ID 2252

mRNA Refseq NM_002009

Protein Refseq NP_002000

MIM 148180

UniProt ID P21781

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