

Recombinant Human FGF7 protein, For Organoid Culture

Cat. No. FGF7-1763H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FGF7 protein(P21781)(Cys32-Thr194) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Cys32-Thr194
Tag	Non
Form	Lyophilized from sterile PBS, pH 7.4, 3% trehalose.
Bio-activity	The activity was determined by the dose-dependent stimulation of the proliferation of the monkey 4MBr-5 cell line. The ED50 for this effect is 5-50 ng/mL.
Molecular Mass	19.0 kDa (monomer)
Endotoxin	<0.10 EU/μg of the protein by the LAL method.
Purity	>85%, by SDS-PAGE under reducing conditions.
Storage	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below: To the date of expiration, -20°C to -80°C as supplied. 3 months, -20°C to -80°C under sterile conditions after reconstitution. 1

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month, 2 to 8 °C under sterile conditions after reconstitution. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name FGF7 fibroblast growth factor 7 [Homo sapiens]

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

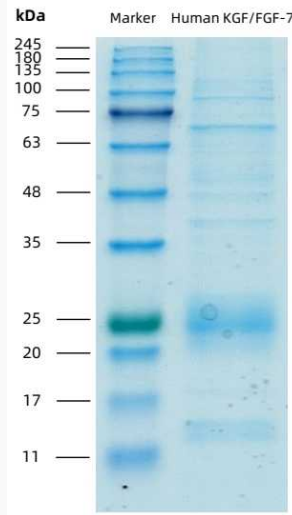
UniProt ID P21781

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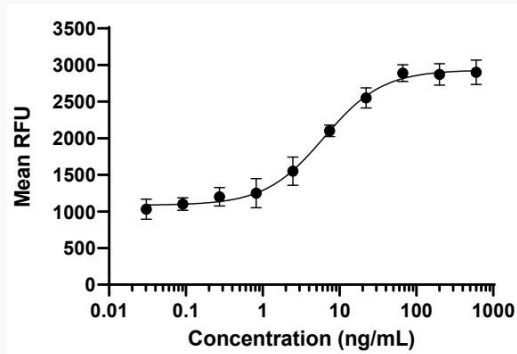
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SDS-PAGE



Activity



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