

Recombinant rat KGF (FGF-7) Active Protein

Recombinant Rat FGF-7 (Keratinocyte Growth Factor)

CATALOG #
AAA47956

HOST
Genetically engineered E Coli

PRODUCT SYNONYMS

Recombinant rat KGF (FGF-7); Recombinant Rat FGF-7 (Keratinocyte Growth Factor); Rat Keratinocyte Growth Factor (KGF/FGF-7); Recombinant rat KGF (FGF-7) active protein

PRODUCT SPECIFICATIONS

Host	Genetically engineered E Coli
Specificity	Binds to keratinocytes and most parenchymal epithelial cells; binds specific splice variant of FGF receptor expressed in epithelial cells (FGFR2IIIb).
Purity/Purification	>90% Purification: Purified by heparin affinity chromatography.
Concentration	346 ug/mL (varies by lot)
Biological Activity	The activity of rat FGF-7 at 1-10 ng/ml is determined by tritiated thymidine incorporation using cultured mouse keratinocytes. Maximum stimulation observed at 1 ng/ml. The optimal concentration of this product for use with other cell types must be determined by the end user.
Diluent	PBS/1.5 M NaCl
Preservatives	None
Dilutions Instructions	Dilute with either 0.1% TFA/40% acetonitrile or PBS/0.1% CHAPS for best stability and to prevent absorption of product on walls of vessels.
Preparation and Storage	This product is stable for at least one (1) year at -20 degree C to -70 degree C. Keep frozen until use. Store product in appropriate aliquots to avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Product Categories/Family for Recombinant rat KGF (FGF-7) active protein	Recombinant Growth Factors
References	Yan, G. (1991) In Vitro Cell Dev Biol 27A: 437; Wang, F. et al (1995) J Biol Chem 270: 10222.

NCBI AND UNIPROT INFORMATION

Molecular Weight	~17,000 daltons
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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://www.aaabiotech.com/genetically-engineered-e-coli-active-protein/recombinant-rat-kgf-fgf-7/47956>