

## Recombinant Human FGF-7 (KGF)

CATALOG #:	4050-10	10 µg
	4050-50	50 µg
	4050-1000	1 mg
LOT #:	_____	
SOURCE:	<i>E. coli</i>	
PURITY:	>98% by SDS-PAGE and HPLC analyses Endotoxin level is <0.1 ng per µg of FGF-7.	
MOL. WEIGHT:	18.9 kDa	
FORM:	Lyophilized without additives	

### RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in PBS to a concentration of 0.1-1 µg/µl. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.

### STORAGE CONDITIONS:

The lyophilized FGF-7 is best-stored desiccated below 0°C. Reconstituted FGF-7 should be stored in working aliquots at -20°C.

### DESCRIPTION:

FGF-7, also known as Keratinocyte Growth Factor (KGF), is a potent mitogen for keratinocytes and epithelial cells. Recombinant human FGF-7/KGF is an 18.9 kDa protein containing 163 amino acid residues.

### BIOLOGICAL ACTIVITY:

The ED<sub>50</sub> as determined by the dose-dependent stimulation of thymidine uptake by KGF-responsive BaF3 cells is ≤10 ng/ml, corresponding to a specific activity of ≥1 x 10<sup>5</sup> units/mg.

**FOR RESEARCH USE ONLY! Not to be used on humans.**

### RELATED PRODUCTS:

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- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

#### Cell Fractionation System

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

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- Akt & JNK Activity Assay Kits
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- PLTP Activity Assay & Drug Discovery Kits
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