

Recombinant Human FGF-7 (KGF)

CATALOG #: 4050-10 10 µg
4050-50 50 µg
4050-1000 1 mg

LOT #: _____

SOURCE: *E. coli*

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 ED₅₀ 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 10⁵ units/mg.

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

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