

1. Introduction

Keratinocyte Growth Factor (KGF) is one of 23 known members of the FGF family, and it is known as FGF-7. Proteins of this family play a central role during prenatal development, postnatal growth, and the regeneration of a variety of tissues, by promoting cellular proliferation and differentiation. KGF is a mitogen factor specific for epithelial cells and keratinocytes. Recombinant Human KGF is an 18.9 kDa protein consisting of 163 amino acid residues.

Source: *Corynebacterium glutamicum*

Amino Acids Sequence:

CNDMTPEQMA TNVNCSSPER HTRSVDYMEG GDIRVRRFLFC RTQWYLRIK RGKVKGQTQEM
KNNYNIMEIR TVAVGIVAIAK GVESEFYLAM NKEGKLYAKK ECNEDCNFKE LILENHNTY
ASAKWTHNGG EMFVALNQKG IPVRGKKTKK EQKTAHFLPM AIT

2. Materials Provided

Component	Volume	Storage
Recombinant Human KGF (FGF-7), 1mg (GMP compliant) (0.1 mg/ml)	10 ml	Store at -80°C

3. Preparation for Use

Recombinant Human KGF (FGF-7) is provided frozen and can be stored at -80°C until use. Before use, this frozen product should be thawed on ice. Avoid repeated freeze-thaw cycles.

4. Precaution and Disclaimer

Recombinant Human KGF (FGF-7) is for further manufacturing use and is not for human use, or as a food. KGF is dissolved in DPBS(-) containing 1.5 mM DTT and 100 mM Na₂SO₄ (0.2 µm filtered).

5. Contact the following department for product information:

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