

## 32-20260: Recombinant Human KGF (FGF-7)(Discontinued)

**Reactivity :** Human, Leech, Mouse, Rat

**Alternative Name :** Keratinocyte Growth Factor, Fibroblast Growth Factor-7, HBGF-7

### Description

**Source:**E.coli

KGF (FGF-7) is one of 23 known members of the FGF family. 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 $\hat{A}$  (FGF-7) is a mitogen factor specific for epithelial cells and keratinocytes. KGF $\hat{A}$  (FGF-7) signals through FGFR 2b. KGF $\hat{A}$  (FGF-7) plays a role in kidney and lung development, as well as in angiogenesis and wound healing. Recombinant Human KGF $\hat{A}$  (FGF-7) is an 18.9 kDa protein consisting of 163 amino acid residues.

### Product Info

**Amount :** 2  $\mu$ g / 10  $\mu$ g

**Purification :** Purity:  $\geq$  95% by SDS-PAGE gel and HPLC analyses.

**Content :** This recombinant protein is supplied in lyophilized form.

**Amino Acid :** CNDMTPEQMA TNVNCSSPER HTRSYDMEG GDIRVRRLLFC RTQWYLRIK RGKVKGQTQEM  
KNNYNIMEIR TVAVGIVAIAK GVESEFYLAM NKEGKLYAKK ECNEDCNFKE LILENHYN TY ASAKWTHNGG  
EMFVALNQKG IPVRGKKTCK EQKTAHFLPM AIT

### Application Note

Determined by a cell proliferation assay using 4MBr-5 cells. The expected  $ED_{50}$  for this effect is 0.1-15 ng/ml.