

## 32-20105: Animal-Free Recombinant Human FGF-9(Discontinued)

**Reactivity :** Human, Mouse

**Alternative Name :** Fibroblast Growth Factor-9, GAF (Glia-activating factor), HBGF-9

### Description

**Source:** **E.coli** FGF-9 is a heparin-binding growth factor that belongs to the FGF family. Proteins of this family play a central role during prenatal development, postnatal growth and regeneration of a variety of tissues, by promoting cellular proliferation and differentiation. FGF-9 targets glial cells, astrocytes cells and other cells that express FGFR 1c, 2c, 3b, 3c, and 4. Recombinant Human FGF-9 is a 23.2 kDa protein consisting of 206 amino acid residues.

### Product Info

**Amount :** 5 µg / 20 µg

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

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

**Amino Acid :** PLGEVGNFYFG VQDAVPFGNV PVLVVDSPVL LSDHLGQSEA GGLPRGPAVT DLDHLKGILR RRQLYCRTGF  
HLEIFPNGTI QGTRKDHSRF GILEFISIAV GLVSIRGVDS GLYLMNEKG ELYGSEKLTQ ECVFREQFEE  
NWYNTYSSNL YKHVDTGRRY YVALNKDGTP REGTRTKRHQ KFTHFLPRPV DPDKVPELYK DILSQS

### Application Note

Determined by a cell proliferation assay using Balb/c 3T3 cells. The expected  $ED_{50}$  is  $\leq 10$  ng/ml, corresponding to a specific activity of  $\geq 1 \times 10^5$  units/mg.