

## 32-20106: Recombinant Murine FGF-9(Discontinued)

**Reactivity :** Mouse, Rat

**Alternative Name :** 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 Murine FGF-9 is a 23.3 kDa protein containing 206 amino acid residues.

### Product Info

**Amount :** 2 µg / 10 µg

**Purification :** Purity: >= 95% by SDS-PAGE gel and HPLC analyses.

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

**Amino Acid :** PLGEVGSYFG VQDAVPFGNV PVLVDSPVL LNDHLGQSEA GGLPRGPAVT DLDHLKGILR  
RRQLYCRTGF HLEIFPNGTI QGTRKDHSRF GILEFISIAV GLVSIRGVDS GLYLG MNEKG  
ELYGSEKLTQ ECVFREQFEE NWYNTYSSNL YKHVDTGRRY YVALNKDGTP REGTRTKRHQ  
KFTHFLRPV 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.