

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 : PLGEVGNFYG VQDAVPFGNV PVLPVDSPVL LSDHLGQSEA GGLPRGPAVT DLDHLKGILR RRQLYCRTGF
HLEIFPNGTI QGTRKDHSRF GILEFISIAV GLVSIRGVDS GLYLGMEKGL ELYGSEKLTQ ECVFREQFEE
NWYNTYSSNL YKHVDTGRRY YVALNKDGTP REGTRTKRHQ KFTHFLPRPV DPKVPELYK DILSQS

Application Note

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