

# G HBGF-9

Catalog # PVGS1373

### **Product Information**

Primary Accession P31371
Species Mouse

Sequence LGEVGNYFGV QDAVPFGNVP VLPVDSPVLL SDHLGQSEAG GLPRGPAVTD

LDHLKGILRR RQLYCRTGFH LEIFPNGTIQ GTRKDHSRFG ILEFISIAVG LVSIRGVDSG

LYLGMNEKGE LYGSEKLTQE CVFREQFEEN WYNTYSSNLY KHVDTGRRYY

VALNKDGTPR EGTRTKRHQK FTHFLPRPVD PDKVPELYKD ILSQS

**Purity** > 95% as analyzed by SDS-PAGE and HPLC.

**Endotoxin Level** 

### **Additional Information**

Gene ID 2254

Other Names Fibroblast growth factor 9, FGF-9, Glia-activating factor, GAF, Heparin-binding

growth factor 9, HBGF-9, FGF9

**Target Background** Fibroblast Growth Factor-9 (FGF-9), also known as Glia-activating factor (GAF)

and HBGF-9, belongs to the heparin-binding growth factors family. It is a secreted protein that exists as monomer or homodimer. It interacts with FGFR-1, FGFR-2, FGFR-3, and FGFR-4 and plays an important role in regulating cell proliferation, differentiation and migration. It is reported that FGF-9 may be involved in glial cell growth and differentiation during development, gliosis during brain tissue regeneration, and glial tumor growth stimulation. Other

reports indicate that FGF-9 plays a role in male development.

#### **Protein Information**

Name FGF9

**Function** Plays an important role in the regulation of embryonic development, cell

proliferation, cell differentiation and cell migration. May have a role in glial cell growth and differentiation during development, gliosis during repair and regeneration of brain tissue after damage, differentiation and survival of

neuronal cells, and growth stimulation of glial tumors.

**Cellular Location** Secreted.

## **Tissue Location**

Glial cells.

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