

## PRODUCT INFORMATION SUMMARY

### Mouse FGF-9

|                 |                |           |         |
|-----------------|----------------|-----------|---------|
| Purified Factor | Product Number | RC444025B | 10.0 ug |
| Purified Factor | Product Number | RC444025A | 2.0 ug  |

#### DESCRIPTION:

Mouse Fibroblast Growth Factor-9 (FGF-9), also known as Glial Activating Factor, is a growth factor that binds heparin and activates glial cells and other cells with FGF receptors. FGF-9 targets astrocytes and glial cells that express FGF receptors 1c, 2c, 3b, 3c, and 4. Mouse FGF-9 is a 23.3 kDa protein with 205 aa. residues.

**SOURCE:** E. Coli  
Purity > 95% by HPLC analysis  
Endotoxin < 0.1 ng per ug mouse FGF-9  
Sterile filtered and lyophilized from Tris buffered saline.

#### BIOLOGICAL ACTIVITY:

Thymidine uptake assay using BaF3 cells expressing FGF receptors is 0.5 ng/mL concentration, corresponding to specific activity of  $2 \times 10^6$  units/mg.

#### HANDLING AND STORAGE:

Purified Mouse FGF-9 factor is provided lyophilized with no additives. Store lyophilized, at  $-20^{\circ}$  C. Quick-spin (see below) and then reconstitute with water to 0.2 mg/mL concentration. Further dilute in PBS or other buffered solutions. Store small aliquots, with addition of 0.1% BSA, at  $-20^{\circ}$  C for long-term storage - up to 3 months, at high concentration. **AVOID repeat freeze-thaw** as loss of activity will occur.

**Before opening vial**, it is recommended to microcentrifuge vial for 30 seconds to spin-down any lyophilized material that may adhere to top of vial. The small amounts of protein may adhere to the vial as a very thin coat of lyophilized material, and may be difficult to see as a pellet.

#### WARRANTY:

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the description on the label of the product.

**RESEARCH USE ONLY -NOT for DRUG USE**