

Recombinant Murine FGF-9

| | | |
|---------------------|--------------------------------------------------------------------------------------|-------|
| CATALOG #: | 4057-10 | 10 µg |
| | 4057-1000 | 1 mg |
| LOT #: | _____ | |
| SOURCE: | <i>E. coli</i> | |
| PURITY: | >98% by SDS-PAGE and HPLC analyses Endotoxin level is <0.1 ng per µg of FGF-9. | |
| MOL. WEIGHT: | 23.3 kDa | |
| FORM: | Sterile filtered and lyophilized in 10 mM Tris, pH 8.0 + 0.15 M Ammonium Sulfate. | |

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.2-0.5 mg/ml. This solution can then be diluted into other aqueous buffers or stored at 4°C for 1 week or -20°C for future use. Repeated freeze/thaw cycles will result in some loss of activity.

STORAGE CONDITIONS:

The lyophilized FGF-9 should be stored desiccated below 0°C. Reconstituted FGF-9 should be stored at working aliquots at -20°C.

DESCRIPTION:

FGF-9 is a heparin binding growth factor that belongs to the FGF family. FGF-9 stimulates the proliferation and activation of glial cells and other cells that express FGF receptors. Recombinant murine FGF-9 is a 23.3 kDa protein containing 205 amino acid residues.

BIOLOGICAL ACTIVITY:

The ED₅₀ determined by the dose-dependent stimulation of thymidine uptake by BaF3 cells expressing FGF receptors is ≤0.5 ng/ml, corresponding to a specific activity of ≥2 x 10⁶ units/mg.

NOTE: For research use only. Not to be used in humans.

WARRANTY: Warranty information can be found in www.biovision.com.

RELATED PRODUCTS:

Apoptosis Detection Kits & Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

Cell Damage & Repair

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

Signal Transduction

- cAMP & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

Adipocyte & Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

Molecular Biology & Reporter Assays

- siRNA Vectors
- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- β-Galactosidase Staining Kit & Luciferase Reporter Assay Kit

Growth Factors and Cytokines

Monoclonal and Polyclonal Antibodies