Recombinant Murine FGF-9

CATALOG #:

4057-10	10 µg
4057-100	100 µg
4057-1000	1 mg

SOURCE: *E. coli*

PURITY: ≥ 95% by SDS-PAGE and HPLC analyses
Endotoxin level is ≤ 1 EU per µg of FGF-9.

MOL. WEIGHT: 23.4 kDa (207 amino acids)

FORM: Sterile filtered and lyophilized from 10 mM sodium phosphate, pH 7.5

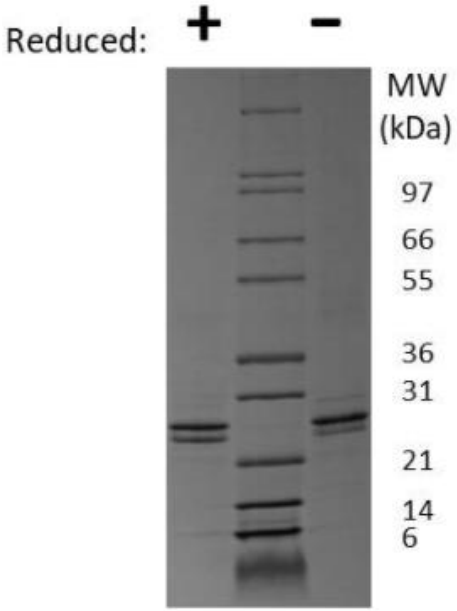
RECONSTITUTION:
Centrifuge the vial prior to opening. Reconstitute in sterile water to a concentration of 0.1 mg/ml. This solution can then be diluted into other aqueous buffers or stored at 4 °C for 1 month or -20 °C or lower for up to three months future use. Repeated freeze/thaw cycles will result in some loss of activity.

STORAGE CONDITIONS:
The lyophilized FGF-9 should be stored desiccated below -20 °C. Reconstituted FGF-9 should be stored at working aliquots at -20 °C or below.

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 23.4 kDa protein containing 207 amino acid residues.

BIOLOGICAL ACTIVITY:
The ED_{50} determined by the proliferation of NR6R 3T3 cells expressing FGF receptors is ≤ 10 ng/ml, corresponding to a specific activity of ≥ 1×10^5 units/mg.

FOR RESEARCH USE ONLY! Not to be used on humans.



Recombinant Murine FGF-9 was analyzed on SDS-PAGE under non-reducing (-) and reducing (+) conditions and visualized by Coomassie Blue stain.

RELATED PRODUCTS:

FGF-2/FGF-basic, Murine Recombinant (Cat. No. 4038)
FGF-9, Human Recombinant (Cat. No. 4056)
FGF-22, Human Recombinant (Cat. No. 4063)
FGF-21, Bovine Recombinant (Cat. No. P1592)
FGF-9, Rat Recombinant (Cat. No. 4058)

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