Recombinant Rat Fgf9 protein, His/S-tagged

Cat. No. Fgf9-188R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Fgf9 fused with His/S tag was expressed in E. coli.
Species	Rat
Source	E.coli
Description	Fibroblast Growth Factor-9 (FGF-9) is a heparin binding growth factor that belongs to the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. FGF-9 was isolated as a secreted factor that exhibits a growth-stimulating effect on cultured glial cells. In nervous system, this protein is produced mainly by neurons and may be important for glial cell development.
Form	Lyophilized from sterile PBS, pH 7.4
Purity	> 95 % as determined by SDS-PAGE
Storage	Store at -70 centigrade. Avoid repeated freeze/thaw cycles.

GENE INFORMATION

Gene Name	Fgf9 fibroblast growth factor 9 [Rattus norvegicus]

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Official Symbol	Fgf9
Synonyms	FGF9; fibroblast growth factor 9; GAF; FGF-9; HBGF-9; glia-activating factor;
Gene ID	25444
mRNA Refseq	NM_012952
Protein Refseq	NP_037084
UniProt ID	P36364
Chromosome Location	15p12
Pathway	Downstream signaling of activated FGFR, organism-specific biosystem; FGFR ligand binding and activation, organism-specific biosystem; FGFR1 ligand binding and activation, organism-specific biosystem; FGFR1c ligand binding and activation, organism-specific biosystem; FGFR2 ligand binding and activation, organism-specific biosystem; FGFR2c ligand binding and activation, organism-specific biosystem; FGFR3 ligand binding and activation, organism-specific biosystem;
Function	fibroblast growth factor receptor binding; growth factor activity; heparin binding;

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