

## Recombinant Rat Fgf9 protein, His/S-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Fgf9 fused with His/S tag was expressed in E. coli.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>Description</b>	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.
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Store at -70 centigrade. Avoid repeated freeze/thaw cycles.

### GENE INFORMATION

<b>Gene Name</b>	Fgf9 fibroblast growth factor 9 [ <i>Rattus norvegicus</i> ]
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<b>Official Symbol</b>	<a href="#">Fgf9</a>
<b>Synonyms</b>	FGF9; fibroblast growth factor 9; GAF; FGF-9; HBGF-9; glia-activating factor;
<b>Gene ID</b>	<a href="#">25444</a>
<b>mRNA Refseq</b>	<a href="#">NM_012952</a>
<b>Protein Refseq</b>	<a href="#">NP_037084</a>
<b>UniProt ID</b>	<a href="#">P36364</a>
<b>Chromosome Location</b>	15p12
<b>Pathway</b>	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;
<b>Function</b>	fibroblast growth factor receptor binding; growth factor activity; heparin binding;

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