

RP00370

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# Recombinant Human FGF-9 Protein

Catalog No.: RP00370

Recombinant

## Sequence Information

Species	Gene ID	Swiss Prot
Human	2254	P31371

### Tags

No tag

### Synonyms

FGF9;FGF-9;GAF;HBFG-9;HBGF-9;SYNS3

## Background

This protein is a member of 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. This protein 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. Expression of the mouse homolog of this gene was found to be dependent on Sonic hedgehog (Shh) signaling. Mice lacking the homolog gene displayed a male-to-female sex reversal phenotype, which suggested a role in testicular embryogenesis.

## Product Information

Source	Purification
<I>E. coli</I>	> 95% by SDS-PAGE.

### Endotoxin

< 1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.2 μm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4. Contact us for customized product form or formulation.

### Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

## Basic Information

### Description

Recombinant Human FGF-9 Protein is produced by <I>E. coli</I> expression system. The target protein is expressed with sequence (Met1-Ser208) of human FGF-9 (Accession #P31371).

### Bio-Activity

### Storage

Store the lyophilized protein at -20°C to -80 °C for long term. <br>After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

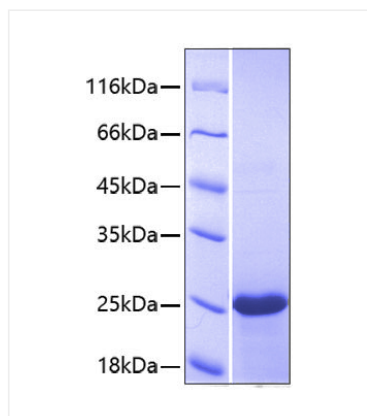
## Contact



[www.abclonal.com](http://www.abclonal.com)

## Validation Data

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Recombinant protein Human FGF-9 was determined by SDS-PAGE under reducing conditions with Coomassie Blue, showing a band at 25 kDa.