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Datasheet for ABIN2017837  
**FGF9 Protein (AA 1-208)**

## Overview

Quantity:	50 µg
Target:	FGF9 (FGF-9)
Protein Characteristics:	AA 1-208
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active

## Product Details

Characteristics:	ED50 < 2.0 ng/mL , measured by a cell proliferation assay using 3T3 cells, corresponding to a specific activity of >5.0x 10 <sup>5</sup> units/mg.
Purity:	> 95 % by SDS-PAGE and HPLC analyses.
Endotoxin Level:	< 0.2 EU/µg, determined by LAL method.

## Target Details

Target:	FGF9 (FGF-9)
Alternative Name:	Fibroblast Growth Factor-9 (FGF-9) ( <a href="#">FGF-9 Products</a> )
Background:	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

## Target Details

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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. Recombinant Human Fibroblast Growth Factor-9 (rhFGF-9) produced in *E. coli* is a single non-glycosylated polypeptide chain containing 208 amino acids. A fully biologically active molecule, rhFGF-9 has a molecular mass of 23.4 kDa analyzed by reducing SDS-PAGE.

Synonyms: Fibroblast Growth Factor-9, GAF (Glia-activating factor), HBGF-9

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Molecular Weight: 23.4 kDa, observed by reducing SDS-PAGE.

UniProt: [P31371](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Reconstituted in ddH<sub>2</sub>O at 100 µg/mL.

Buffer: Lyophilized after extensive dialysis against PBS.

Storage: -80 °C

Storage Comment: Lyophilized recombinant Human Fibroblast Growth Factor-9 (rhFGF-9) remains stable up to 6 months at -80 °C from date of receipt. Upon reconstitution, rhFGF-9 should be stable up to 2 weeks at 4 °C or up to 3 months at -20 °C.

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Expiry Date: 6 months