

Datasheet for ABIN7455695
FGF9 Protein

2 Images

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Overview

Quantity:	50 µg
Target:	FGF9 (FGF-9)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Human Fibroblast Growth Factor 9 is produced by our E.coli expression system and the target gene encoding Met1-Ser208 is expressed.
Characteristics:	Extracellular Domain Protein
Purification:	Affinity purification
Purity:	Greater than 95 % as determined by reducing SDS-PAGE.

Target Details

Target:	FGF9 (FGF-9)
Alternative Name:	FGF-9 (FGF-9 Products)
Background:	Fibroblast Growth Factor 9 (FGF-9) 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 plays an important role in the regulation of embryonic development, cell proliferation, cell differentiation and cell migration. In addition,

Target Details

FGF-9 may have a role in glial cell growth and differentiation during development, gliosis during repair and regeneration of brain tissue after damage, differentiation and survival of neuronal cells, and growth stimulation of glial tumors.

Molecular Weight: 23.44 KDa

UniProt: [P31371](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

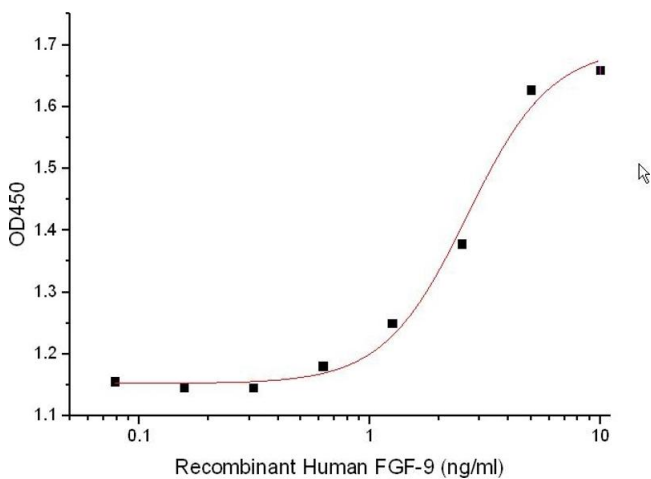
Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, pH 6.0.

Storage: -20 °C,-80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

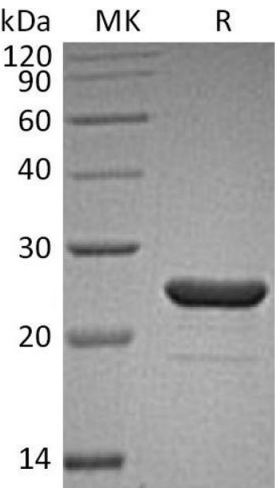
Expiry Date: 12 months

Images



ELISA

Image 1. Measured in a cell proliferation assay using Balb/3T3 mouse embryonic fibroblast cells. The ED50 for this effect is 1-5 ng/mL.



SDS-PAGE

Image 2. Greater than 95 % as determined by reducing SDS-PAGE.