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Datasheet for ABIN1096669
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

Product Details

Purpose:	Recombinant Human Fibroblast Growth Factor 9/FGF-9
Sequence:	MAPLGEVGNV FGVQDAVPPG NVPVLPVDSP VLLSDHLGQS EAGGLPRGPA VTDLDHLKGI LRRRQLYCRT GFHLEIFPNG TIQGRKDHS RFGILEFISI AVGLVSIRGV DSGLYLGMNE KGELYGSEKL TQECVFREQF EENWYNTYSS NLYKHVDTGR RYYVALNKDG TPREGTRTKR HQKFTHFLPR PVDPAKVPPEL YKDILSQS
Characteristics:	Recombinant Human Fibroblast Growth Factor 9/FGF-9 is produced by our E. coli expression system. The target protein is expressed with sequence (Met1-Ser208) of Human FGF-9.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	FGF9 (FGF-9)
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Target Details

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, 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.

Alternative Names: Fibroblast Growth Factor 9, FGF-9, Glia-Activating Factor, GAF, Heparin-Binding Growth Factor 9, HBGF-9, FGF9

Molecular Weight: 23.44 kDa

UniProt: [P31371](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: It is not recommended to reconstitute to a concentration less than 100 µg/mL.
Dissolve the lyophilized protein in ddH₂O.
Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Handling Advice: Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

Storage: 4 °C/-20 °C/-80 °C

Storage Comment: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.
Reconstituted protein solution can be stored at 4-7°C for 2-7 days.
Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 3 months
