

FGF-9 recombinant protein

Human FGF-9 Protein

CATALOG #
AAA47616

HOST
E coli

PRODUCT SYNONYMS

FGF-9; Human FGF-9 Protein; Fibroblast Growth Factor 9; Glia-Activating Factor; GAF; Heparin-Binding Growth Factor 9; HBGF-9; FGF9; FGF-9 recombinant protein

PRODUCT SPECIFICATIONS

Host	E coli
Purity/Purification	Affinity purification Greater than 95% as determined by reducing SDS-PAGE.
Form/Format	Lyophilized from a 0.2 um filtered solution of 20mM PB, pH 6.0.
Preparation and Storage	Store at -20 degree C to -80 degree C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 degree C (Avoid repeated freezing and thawing).

IMAGES

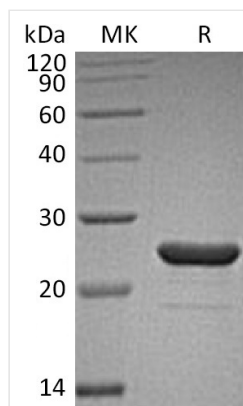

SDS-PAGE

Figure 1. Greater than 95% as determined by reducing SDS-PAGE.

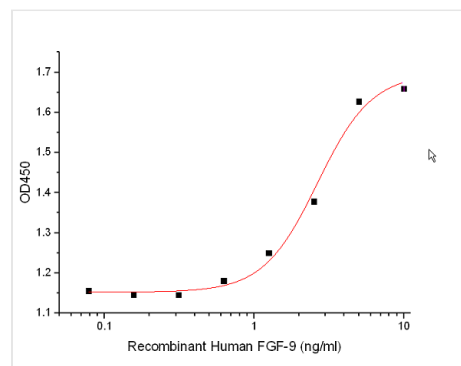

ELISA

Figure 1. Greater than 95% as determined by reducing SDS-PAGE.

ADDITIONAL INFORMATION

Related Product Information for FGF-9 recombinant protein

Recombinant Human Fibroblast Growth Factor 9 is produced by our E coli expression system and the target gene encoding Met1-Ser208 is expressed.

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.

Product Categories/Family for FGF-9 recombinant protein

[ECD 1182](#); [ECD Proteins](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503707
NCBI GeneID	2254
NCBI Accession #	NP_002001.1
NCBI GenBank Nucleotide #	NM_002010.2
UniProt Accession #	P31371; Q3SY32; A8K427
Molecular Weight	23,441 Da
NCBI Official Full Name	fibroblast growth factor 9
NCBI Official Synonym Full Names	fibroblast growth factor 9
NCBI Official Symbol	FGF9
NCBI Official Synonym Symbols	GAF; FGF-9; SYNS3; HBFG-9; HBGF-9
NCBI Protein Information	fibroblast growth factor 9; heparin-binding growth factor 9; fibroblast growth factor 9 (glia-activating factor)
UniProt Protein Name	Fibroblast growth factor 9
UniProt Gene Name	FGF9
UniProt Synonym Gene Names	FGF-9; GAF; HBGF-9
UniProt Entry Name	FGF9_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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