FGF9 Antibody (N-Term) Blocking Peptide

PRODUCT OVERVIEW

Product Name	FGF9, Blocking Peptide
Full Product Name	FGF9 Antibody (N-term) Blocking peptide
Product Gene Name	FGF9 blocking peptide
Product Synonym Names	Fibroblast growth factor 9; FGF-9; Glia-activating factor; GAF; Heparin-binding growth factor 9; HBGF-9; FGF9
Form/Format	Synthetic peptide was lyophilized with 100% acetonitrile and is supplied as a powder. Reconstitute with 0.1 ml DI water for a final concentration of 1 mg/ml.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.
Antibody/Peptide Pairs	FGF9 peptide (MBS9217484) is used for blocking the activity of FGF9 antibody (MBS9211587)
Molecular Weight	23,441 Da
OMIM	600921
Cellular Location	Secreted.
Tissue Location	Glial cells.
Related Product Information for FGF9 blocking peptide	Plays an important role in the regulation of embryonic development, cell proliferation, cell differentiation and cell migration. 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.
Other Notes	Small volumes of FGF9 blocking peptide vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for FGF9 purchase	MBS9217484 is a blocking peptide targeting FGF9. Also known as FGF9 Antibody (N-term) Blocking peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FGF9. It may not necessarily be applicable to this product.

NCBI GI #	4503707
NCBI GeneID	2254
NCBI Accession #	NP_002001.1
UniProt Primary Accession #	P31371
UniProt Secondary Accession #	Q3SY32; A8K427
UniProt Related Accession #	P31371
GenBank Nucleotide #	NM_002010.2
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

UniProt Protein Name	Fibroblast growth factor 9
UniProt Synonym Protein Names	Glia-activating factor; GAF; Heparin-binding growth factor 9; HBGF-9
Protein Family	Fibroblast growth factor
UniProt Gene Name	FGF9
UniProt Synonym Gene Names	FGF-9; GAF; HBGF-9
UniProt Entry Name	FGF9_HUMAN
NCBI Protein Information	fibroblast growth factor 9
NCBI Summary for FGF9	The protein encoded by this gene 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. [provided by RefSeq, Jul 2008]
Research Articles on FGF9	**1.** These studies identify FGF9 as a target of DICER1 in lung epithelium that functions as an initiating factor for pleuropulmonary blastoma.
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