FAM49B cDNA Clone – Protein FAM49B Isoform 1

PRODUCT OVERVIEW

Product Name	FAM49B, cDNA Clone
Full Product Name	FAM49B
Product Gene Name	FAM49B cdna clone
Product Synonym Names	BM-009; L1
Sequence	Nucleotide Sequence: ATGGGGAATC TTCTTAAAGT TTTGACATGC ACAGACCTTG AGCAGGGGCC AAATTTTTTC CTTGATTTTG AAAATGCCCA GCCTACAGAG TCTGAGAAGG AAATTTATAA TCAGGTGAAT GTAGTATTAA AAGATGCAGA AGGCATCTTG GAGGACTTGC AGTCATACAG AGGAGCTGGC CACGAAATAC GAGAGGCAAT CCAGCATCCA GCAGATGAGA AGTTGCAAGA GAAGGCATGG GGTGCAGTTG TTCCACTAGT AGGCAAATTA AAGAAATTTT ACGAATTTTC TCAGAGGTTA GAAGCAGCAT TAAGAGGTCT TCTGGGAGCC TTAACAAGTA CCCCATATTC TCCCACCCAG CATCTAGAGC GAGAGCAGGC TCTTGCTAAA CAGTTTGCAG AAATTCTTCA TTTCACACTC CGGTTTGATG AACTCAAGAT GACAAATCCT GCCATACAGA ATGATTTCAG CTATTATAGA AGAACATTGA GTCGTATGAG GATTAACAAT GTACCGGCAG AAGGAGAAAA TGAAGTAAAT AATGAATTGG CAAATCGAAT GTCTTTGTTT TATGCTGAGG CAACTCCAAT GCTGAAAACC TTGAGTGATG CCACAACAAA ATTTGTATCA GAGAATAAAA ATTTACCAAT AGAAAATACC ACAGATTGTT TAAGCACAAT GGCTAGTGTA TGCAGAGTCA TGCTGGAAAC ACCGGAATAC AGAAGCAGAT TTACAAATGA AGAGACAGTG TCATTCTGCT TGAGGGTAAT GGTGGGTGTC ATAATACTCT ATGACCACGT ACATCCAGTG GGAGCATTTG CTAAAACTTC CAAAATTGAT ATGAAAGGTT GTATCAAAGT TCTTAAGGAC CAACCTCCTA ATAGTGTGGA AGGTCTTCTA AATGCTCTCA GGTACACAAC AAAACATTTG AATGATGAGA CTACCTCCAA GCAAATTAAA TCCATGCTGC AATAA < br>Transla tion Sequence: MGNLLKVLTC TDLEQGPNFF LDFENAQPTE SEKEIYNQVN VVLKDAEGIL EDLQSYRGAG HEIREAIQHP ADEKLQEKAW GAVVPLVGKL KKFYEFSQRL EAALRGLLGA LTSTPYSPTQ HLEREQALAK QFAEILHFTL RFDELKMTNP AIQNDFSYYR RTLSRMRINN VPAEGENEVN NELANRMSLF YAEATPMLKT LSDATTKFVS ENKNLPIENT TDCLSTMASV CRVMLETPEY RSRFTNEETV SFCLRVMVGV IILYDHVHPV GAFAKTSKID MKGCIKVLKD QPPNSVEGLL NALRYTTKHL NDETTSKQIK SMLQ
Form/Format	Lyophilized
Preparation and Storage	Store the plasmid at -20 degree C.
3D Structure	ModBase 3D Structure for Q9NUQ9
Species	Human
Chromosome Location	8q24.21
cDNA Size	975bp
Vector Description	This shuttle vector contains the complete ORF. It is inseted BamH I to Xho I. The gene insert contains multiple cloning sites which can be used to easily cut and transfer the gene and recombination site into your expression vector.
Vector	(puc19-derived cloning vector)
Preparation Before Usage	1. Centrifuge at 7000rpm for 1 minute. 2. Carefully open the vial and add 100ul of sterile water to dissolve the DNA. Each tube contains approximately 10ug of lyophilized plasmid.
Related Product Information for FAM49B cdna clone	MBS200922 is a cDNA clone targeting FAM49B. FAM49B belongs to the FAM49 family.
Other Notes	Small volumes of FAM49B cdna clone 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FAM49B. It may not necessarily be applicable to this product.

NCBI GI #	42734438
NCBI GeneID	51571
NCBI Accession #	NP_057707.3
UniProt Primary Accession #	Q9NUQ9
UniProt Related Accession #	Q9NUQ9
GenBank Nucleotide #	NM_016623.4
NCBI Official Full Name	protein FAM49B isoform 1
NCBI Official Synonym Full Names	family with sequence similarity 49 member B
NCBI Official Symbol	FAM49B
NCBI Official Synonym Symbols	L1; BM-009
UniProt Protein Name	Protein FAM49B
UniProt Synonym Protein Names	L1
Protein Family	Protein
UniProt Gene Name	FAM49B
UniProt Entry Name	FA49B_HUMAN
NCBI Protein Information	protein FAM49B
UniProt Comments for FAM49B	FAM49B: Belongs to the FAM49 family. Chromosomal Location of Human Ortholog: 8q24.21 Cellular Component: cilium
Research Articles on FAM49B	**1.** Low fam49B expression is associated with pancreatic ductal adenocarcinoma metastasis.
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