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Product datasheet for MC218647

Gpatc3 (BC096468) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gpatc3 (BC096468) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gpatc3
Synonyms:	D930035B09Rik; Gpatc3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

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Fully Sequenced ORF:

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>BC096468
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGTCGCCCAGGGAGCTGGACGAAGAGTCGCCGGTTTACCTGGTGGTGAGCGGGATCCCTGCCGTGT
TACGCTCGGCTCAGTTACGGAGCTACTTTAGCCAGTTCCGGGAACAGCGCGGCGGAGGCTTCCTGTGCTT
CCACTACCGGCACCGGCCCGAGAGGGGCCCTCCGCAGGCGAGTCCCGAGGCGGCCCGGGCTGGCCCGGAC
CCCGCCGCTGAGGATCCGGTTCTCGCCCAGGCTCCGGCCTCCGATGCCCCCGCTGTCCGCGCCCGGGGCT
CTGCGGCGGCCCAGACCCGCACCTGCTGCTGCGTCGTCTCGGTGAGGGGAGCGGCGCAAGCCCAGCGGCT
GCTTCGCATGTACTCCGGTCGCCGGTGGCTGGACTCTCAGGGGACCTGGCTTCCCGGTCGCTGTCTCATC
CGCAGGCTTAGGCTTCCCACCGAGGCTTCAGATCTGGGGTCCTTTCCCTTTAAGACCCGGAAGGAACTAC
AGAGTCGAAGGGCCGAGAATGAAGCTTTTACCCTGGCTGACCTGAAGCAGCTCCCGGAGCTGAATCCGCC
AGTGCTGATGCCCAGTGGCAATGTGGGCACCCCCCTGCGGGTCTTTTTAGAGTTGATCCGGTCCTGCCGT
CTACCACCTAGAATCATTACCCAGCTACAGCTCCAGTTTCCCAAGACCGGCTCCTCCCGGCGCTATGGCA
ACGTGCCCTTTCTGTATGAGGACTCAGAGACTGTGGAGCAAGAAGAGCACGTGTACACAGCAGAAGGGGA
GGAGATCCCCCAGGGGAGCTGCTCGGAAGATCCAGCAGCTGGCTCCTTTGATGAGCCGGAGGATGAAGGG
CAGCAGCAGGAGGAGGAGGAGTCTGGCTCAGAAGAGGACGATGACCAGGGTGAGGAGTGGGAGCGACACG
AAGCTCTGCACGAGGATGTGACCGGGCAGGAGCGGGCTACAGAGCGGCTCTTCGAGGAGGAGATTGAACT
TAAGTGGGAGAAAGGTGGCTCTGGCCTCGTGTTCTACACCGACGCCCAGTTCTGGCAGGAGGAGGAAGGA
GATTTTGATGAGCAGACAGCTGATGACTGGGACGTGGACATGAGTGTCTACTACGACAGAGATGGAGGAG
ACAAGGATGCCCGTGACTCTGTCCAAATGCGCCTGGAACGGAGACTCCGTGAGGGTCAGGAAGATGGCTC
TGTGCTAGGTCGCCAAGTCGGCACCTTTGAGCGCCACACTAAGGGCATCGGCCGGAAGGTGATGGAGCGC
CAGGGCTGGGCTGAAGGCCAGGGCCTGGGCAGCAGGTGCTCCGGGGTGCCTGAGGCCCTGGATGGAGATG
GCCAGCACCCTAGATGCAAGCGCGGCTTGGGATACCATGGAGAGAAGTTACAGCCATTTAGGCAACCGAA
GAGGCCCCGTCGAACTGGCTTGGGGCTCATTTCCACCATCTATGATGAGCCTCTGCCCCAAGACCAGGGG
GAGACCTTGCTCCGGCGCCAGCCACCCACCAGCATGAAGTTTCGGACGGATATGACTTTTGTGAAGGGTT
CTAGCTGTGCCTTGGACAGACCTGAGCCCGAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites: SgfI-MluI

ACCN: BC096468

Insert Size: 1575 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

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Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	BC096468, AAH96468
RefSeq Size:	2029 bp
RefSeq ORF:	1574 bp
Locus ID:	242691
Cytogenetics:	4 D2.3
Gene Summary:	Involved in transcriptional regulation. It is able to activate transcription from CXCR4 promoter and therefore it might control neural crest cell migration involved in ocular and craniofacial development. Is a negative regulator of immune antiviral response, acting via down-regulation of RIG-I-like receptors signaling and inhibition of type I interferon production. The control mechanism involves interaction with mitochondrial MAVS and inhibition of MAVS assembly with downstream proteins implicated in antiviral response, such as TBK1 and TRAF6.[UniProtKB/Swiss-Prot Function]

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