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Product datasheet for MC227528

Mtg2 (NM_028422) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mtg2 (NM_028422) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mtg2
Synonyms:	1810011P19Rik; 2900056P18Rik; D2Bwg0647e; Gtpbp5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC227528 representing NM_028422
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGTATCTACCAGACTTGTCTTGGCAAGGACTTGCACTGTGTTTGAGGGTGTTTTGAAATGGGCTCCAT
CCACACGTGCTGTCCTCAGGCCTAGCCACCTTCTTCTACAAGCATCATGCAGATTGCTCTCTGTGGGCAT
CGTAGACCACGCTAAGCACCGGGAGCCTTCTGGGAAGAAGGTTCTGTCAGAGAAGAAACTGAAAAGGCAT
TTCGTGGATCACCGGAGAGTGCTGGTCCGTGGAGGAAGCGGGGGCTCTGGCATGAGCTGCTTCCACAGTG
AGCCCCGCAAGGAGTTTGGAGGCCCTGATGGTGGAGATGGAGGAAATGGTGGACACATCATCCTGAGAGT
TGACCAGCAAGTCAAGTCCTTGTCCTCAGTCTTATCCCAGTATCAGGGCTTCAGTGGAGAAGACGGTGGC
AGTAAAAACTGCTCTGGACGAGGTGGTGCCACCCTCTACATTCAGGTCCCTGTGGGTACCTTGGTGAAAG
AAGGAGACAAGATCGTGGCTGACCTCTCTAACCTGGGAGACGAGTACGTGGCTGCTCTCGGGGGTGCAGG
AGGAAAAGGCAATCGTTTCTTCCTGGCCAACGACAACCGTGCCCCTGTAACTTGCACCCCTGGACAACCG
GGTCAGGAGCGGGTCCTCTACTTGGAACTCAAGACAATGGCTCACGCTGGGATGGTTGGCTTCCCAAATG
CTGGGAAATCCTCTCTCCTTCGAGCCATTTCAAATGCAAAACCTGCTGTAGCTTCCTACCCGTTCACCAC
CTTGAACCCTCACGTGGGGATCGTTCACTATGAAGGCCACCAACAGGTAGCAGTGGCAGACATCCCAGGC
ATCATCCGAGGTGCACACCAGAACAAGGGCCTGGGCCTCAGCTTCCTCAGGCACATCGAGCGTTGTCGCT
TCTTCCTGTTTGTGGTAGATCTTACCTTGCCTGAGCCGTGGACTCAGGTTGATGATTTAAAATATGAACT
AGAGAAGTTTGAAGAAGGCCTGTCAGAGAGGTCCCACGTGATCATTGCAAATAAGATCGATCTCCCGCAA
GCCAGAGCCCGCCTGCCTCAGCTGCAGGCCCGCCTCGGACAGGAGGCCATAGGCCTGTCGGCGCTGACTG
GGGAGAACCTGGAGCAGCTGCTTCTGCACCTGAAGGAGCTGCATGATGCCCACATAGAGGCCGAGCTGGA
GCAGGGCCGCCAGCCTCTCAGGTGGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites:	SgfI-MluI
ACCN:	NM_028422
Insert Size:	1218 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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).
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:	NM_028422.1, NP_082698.1
RefSeq Size:	1605 bp
RefSeq ORF:	1218 bp
Locus ID:	52856
Cytogenetics:	2 102.59 cM

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