

Product datasheet for **MC209917**

Mtg2 (NM_181424) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mtg2 (NM_181424) 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: >MC209917 representing NM_181424
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGTATCTACCAGACTTGTCTTGGCAAGGACTTGCCTGTGTTGAGGGTGTGTTGAAATGGGCTCCAT
CCACACGTGCTGCTCAGGCCTAGCCACCTTCTTCTACAAGCATCATGCAGATTGCTCTGTGGGCAT
CGTAGACCACGCTAAGCACCGGGAGCCTTCTGGGAAGAAGTTCTGTGAGAGAAGAACTGAAAAGGCAT
TTCGTGGATCACCGAGAGTGTGGTCCGTGGAGGAAGCGGGGGCTCTGGCATGAGCTGCTCCACAGT
AGCCCCGAAGGAGTTTGGAGGCCCTGATGGTGGAGATGGAGGAAATGGTGGACACATCATCCTGAGAGT
TGACCAGCAAGTCAAGTCCCTGTCTCAGTCTTATCCCAGTATCAGGGCTTCAGTGGAGAAGACGGTGGC
AGTAAAAACTGCTCTGGACGAGGTGGTGCACCCTCTACATTCAGGTCCCTGTGGGTACCTTGGTAAAG
AAGGAGACAAGATCGTGGCTGACCTCTAACCTGGGAGACGAGTACGTGGCTGCTCTCGGGGTGCAGG
AGGAAAAGGCAATCGTTTCTTCTGGCCAACGACAACCGTGCCCTGTAACCTGCACCCCTGGACAACCG
GGTCAGGAGCGGGTCTCTACTTGGAACTCAAGACAATGGCTCACGCTGGGATGGTTGGCTTCCAAATG
CTGGGAAATCCTCTCTCCTTCGAGCCATTTCAAATGCAAAACCTGCTGTAGCTTCTACCCGTTCCACC
CTTGAACCCTCACGTGGGATCGTTCACTATGAAGGCCACCAACAGGTAGCAGTGGCAGACATCCAGGC
ATCATCCGAGGTGCACACCAGAACAAGGGCCTGGGCCTCAGTTCCTCAGGCACATCGAGCGTTGTCGT
TCTTCTGTTTGTGGTAGATCTTACCTTGCTGAGCCGTGGACTCAGTTGATGATTTAAAAATATGAACT
AGAGAAGTTTGAAGAAGCCTGTGAGAGGTTCCACGTGATCATTGCAAATAAGATCGATCTCCCGCAA
GCCAGAGCCCGCTGCTCAGCTGCAGGCCCGCTCGACAGGAGGCCATAGGCCTGTGCGCGCTGACTG
GGGAGAACCTGGAGCAGCTGCTTCTGCACCTGAAGGAGCTGCATGATGCCACATAGAGGCCGAGCTGGA
GCAGGGCCCGCAGCCTCTCAGGTGGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_181424
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).
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:	<ol style="list-style-type: none">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:	<u>NM_181424.3, NP_852089.2</u>
RefSeq Size:	1699 bp
RefSeq ORF:	1218 bp
Locus ID:	52856
Cytogenetics:	2 102.59 cM