

Product datasheet for **MC227527**

Mtg2 (NM_001083329) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mtg2 (NM_001083329) 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:	>MC227527 representing NM_001083329 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTATCTACCAGACTTGTCTTGGCAAGGACTTGCCTGTGTTGAGGGTGTGGAAATGGGCTCCAT
CCACACGTGCTGCCTCAGGCCTAGCCACCTTCTTCTACAAGCATCATGCAGATTGCTCTGTGGGCAT
CGTAGACCACGCTAAGCACCGGGAGCCTTCTGGGAAGAAGTTCTGTGAGAGAAGAACTGAAAAGGCAT
TTCGTGGATCACCGAGAGTGTGGTCCGTGGAGAAGCGGGGGCTCTGGCATGAGCTGCTCCACAGT
AGCCCCGAAGGAGTTTGGAGGCCCTGATGGTGGAGATGGAGAAATGGTGGACACATCATCCTGAGAGT
TGACCAGCAAGTCAAGTCCCTGTCTCAGTCTTATCCCAGTATCAGGGCTTCAGTGGAGAAGACGGTGGC
AGTAAAACTGCTCTGGACGAGGTGGTGCACCCTCTACATTCAGGTCCCTGTGGGTACCTTGGTAAAG
AAGGAGACAAGATCGTGGCTGACCTCTAACCTGGGAGACGAGTACGTGGCTGCTCTCGGGGTGCAGG
AGGAAAAGGCAATCGTTTCTTCTGGCCAACGACAACCGTGCCCTGTAACCTGCACCCCTGGACAACCG
GGTCAGGAGCGGGTCTCTACTTGGAACTCAAGACAATGGCTCACGCTGGGATGGTTGGCTTCCAAATG
CTGGGAAATCCTCTCTCCTTCGAGCCATTTCAAATGCAAACTGCTGTAGCTTCTACCCGTTCCACC
CTTGAACCTCACGTGGGATCGTTCACTATGAAGGCCACCAACAGGTAGCAGTGGCAGACATCCCAGGC
ATCATCCGAGGTGCACACCAGAACAAGGGCCTGGGCCTCAGCTTCTCAGGCACATCGAGCGTTGCTGCT
TCTTCTGTTTGTGGTAGATCTTACCTTGCTGAGCCGTGGACTCAGTTGATGATTTAAAAATATGAACT
AGAGAAGTTTGAAGAAGCCTGTGAGAGGTTCCACGTGATCATTGCAAATAAGATCGATCTCCCGCAA
GCCAGAGCCCGCTGCCTCAGCTGCAGGCCCGCTCGACAGGAGGCCATAGGCCTGTGCGCGCTGACTG
GGGAGAACCTGGAGCAGCTGCTTCTGCACCTGAAGGAGCTGCATGATGCCACATAGAGGCCGAGCTGGA
GCAGGGCCCGCAGCCTCTCAGGTGGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001083329
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:	<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_001083329.1</u> , <u>NP_001076798.1</u>
RefSeq Size:	1466 bp
RefSeq ORF:	1218 bp
Locus ID:	52856
Cytogenetics:	2 102.59 cM