

Product datasheet for **MC224956**

Mgam (NM_001171003) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mgam (NM_001171003) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mgam
Synonyms: 6030407P20Rik; MGA
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224956 representing NM_001171003
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGGGACGGAGGTTAAGAAGTTCAGCAAGCTGGAGCTTGTCTCATTGTTCTGCTGCTTGTCTGT
 TCATCATCGCGGTGGTTCTAATTGTGCTCTTAGCCAACCTCGACTCCAGAAAATGCCATAGGTGCTGAAAC
 AACTGGCACTCCAGACTACAGTCACCAGGACTCTTAACTCTCCAATTGCCAGTGCTAAGTGAG
 CTGGAACGGATAAATTGCATCCCTGACCAGTCATCTAACAAAGGGCACATGTGATGAGCGAGGCTGCTGCT
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 GCCCATGTTTTCCAGAGACACAACCCGAATGAGGATGGAACAACTTGTATGGTGTGCAGACGTTCTTC
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 ACCTTGGGTTTTCAGCTCAGCCGTATGATTATAAAAGCCTAGATAATATGAAAGCAGTTGTGGAGAGAA
 ACCGTGCAGCACAACCTCCTTATGATGTTGAGCATGCTGATATTGATTATATGGATCAGAAGAAGGACTT
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 TGGAAACAACGTGTTTCTGATTACACCAGTCCCAACTGTGCTGTTTGGTGGACAAAAGAATTTGAGCTT
 TTCACAAAGAAGTGGAGTTTGGATGGAATTTGGATTGATGAACGAAGTCTCCAACCTTTATTGATGGTT



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CATTCTTGATGTTCCAAAACAACCTGAATTATCCCCATTACACCAAAAGTCTGGATGGTACT
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 GGCTACTCCATGGCCATTGCCACAGCAAAGCCGTGAAGGACGTGTTCCAGACAAGAGAAGCTTCATCA
 TAACCCGCTCTACCTTTGCTGGTCTGGCAAATTTGCAGCCACTGGTTAGGAGATAACACCCGCACCTG
 GAAGGACCTTCAGTGGTCCATCCCAGGCATGCTTGAGTTCAACCTCTTCGGTATCCCAATGGTAGGGGCC
 GATATATGTGGCTTTGCCAAGACACATACGAGGAGCTCTGCAGGCGCTGGATGCAGCTGGGGCCATTTT
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 CCTGCTGTTGAATTCGTCTAGGCACTACCTTAACATCCGCTACACTTTGCTGCCTTACCTCTACACTCTT
 TTCTACAGAGCACACAGCCGGGAGACTGTAGCTAGGCCTCTCTGCATGAGTCTATGACGACAACA
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 CTTCCCGGTACGGCACTATGATGTACAAACCTGTATGGGTGGTCCCAGACCAGACCTACCTACGAAGCT
 GTGCAGGAGGTGACAGGAGAGAGAGGGATCGTCATCACACGCTCCACATTTCCCTCTTCTGGACGCTGGG
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 TTTTCCGCTTCTCGCATATCCTATACCGGGTACAGACTCTGTGGGTTCTTTCAAGATGCTGAGTATGAG
 ATGTGTGTTGCTGGATGCAGCTGGGCGCTTTTACCCCTTCTCCAGGAACCACAACACCATCGGGACCC
 GGAGACAAGACCCTGTATCCTGGAATAAAACCTTTGAGGATATTTCCAGAAGTGTGTTGGAACCCAGATA
 CACCCTGTGCCATATCTTACACCTTGTGTACAAGGCCACACGGAGGGCAGCACAGTTGTGAGGCCCT
 CTCTCCATGAGTTTGTGTCAGACCGGGAGACCTGGAATATAGACAACAGTTTCTGTTGGGCCAGCCT
 TCTAGTCAGCCCTGTGCTTGTGCTAATGCCAGAAAGTTGAAGCATATTTTCCAGGGCCCGCTGGTA
 TGACTACTACAAGGGTGTAGATATCAATGCAACGGGAGAGTGAAGACCTTGAAGCCCTCTTGTAGTAC
 ATTAATCTTCATATTCGTGGGGTTATATTCTGCCCTGGCAGGAACCTGCCATGAACACCCATTTAAGCC
 GGCAGAAGTTCATGGGCTCAGGGCTGCGTTGAATGCTGAGGGACGTGCTGAGGGCTGGCTTCTGGGA

TGATGGGAAAAGGATCAATACCGATCAGTACTACTGGCCAGGTTTTCTGTCAACCAGACTACATTGCTG
ACGCATGAAAAGTTTAAACAATTACCTCACTGGCACAGCACCCCTTATATCTAGGCTACATTGATATCTGGG
GATTGAGCAGTTCTTCCATTACCAATGTGAGCATCTCTTGAACACTAATAATGAAGAAGTCTTTGCCAA
CTACAACCTCCACAACCAAGATACTGAGTGTCAATATGACTGACAAAAAATCAGCCTGCACACTTCAAT
TCACTGACATGGAGCTCTTCA^{TAA}

^{ACGCGT}ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001171003
Insert Size:	5484 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_001171003.1, NP_001164474.1</u>
RefSeq Size:	6488 bp
RefSeq ORF:	5484 bp
Locus ID:	232714
Cytogenetics:	6 B1