

Product datasheet for **MC228479**

Maged2 (NM_001199246) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Maged2 (NM_001199246) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Maged2
Synonyms:	4833439A22Rik; Mage-d2; ORF1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228479 representing NM_001199246
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCTGACACAAGCGAGAGTGGTGCAGATCCAGCTCGCTCTCAGGGCAAAGCTTCAGAAAAGGACAGCG
 GCTCCGTGATGCAGGACCTGTTGACCGTGACCCAGAACTTGGAGGTCTCAGAAAACACCAAAGGCAGAAAA
 GGCACCAGAGTTTCAGAGGCTGCAAAGGCTCCAAAAGCCTCTGGGAACCCAAAGGCGACAGAGGTCTCA
 AAGGCCCCAGAGGCGTCTGAGGCAGCTGCCACCCAGGCCTCACCTACCACACAGCTGAGTGAGACCCAAG
 TTCTGGCAACTGAAAACAAGAGTCCAGCAGCTGACACCAAGACGCAGAAGTCTGACCTGCAGGCTATGAC
 AATGCCTACAACCCCGACCAAAAAGGTCAAGTGTGGTACCGATCCAAAGGTCAATACAAAGGCTCCGGAG
 ACTGAGGCTCCTGCCTCTCAGGCTGGGACAGATGAACCAGAGCCTGAGGGTACAGCTGTCCAGGTTCAGG
 AGAACCAGGATACTCGGCCAAGGTCAAAGCCAAGAATACCCAAAAGGGGAAACACCCGGATGGAGAAGA
 GGATGGCAACAGTGACCAGAGTCAAGGCTTCAAGGCCACAGGTGGTCAAGGGTCTCAAAGGCCCTAATG
 GCCTCCATGGCTCGCAGAGCTTCAAGGGGACCCATAGCCTTTTGGGCCCGCAGGGCATCAAGGACTCGGT
 TGGCTGCCTGGGCTCGGAGAGCTTTGCTCTCCCTGAGGTCACCTAGAGCTCGCAGAGGCAAGGCCCGAAG
 AAGAGCTGCGAAGCTACAGTCAATCCAGAACCTGAGGCACCCCAACCCAGAGATGTGGCCCTTTTACAA
 GGAAGGGCAATGACTTGGTGAAGTACCTGTTGGCTAAAGACCAGACAAAGATCCCATCAGACGCTCAG
 ATATGCTGAAGGACATCATCAAAGAATACTGATGTATACCCTGAAATCATTGAACGAGCAGGCTATTC
 CTTGGAGAAGGTATTTGGAATCCAATTGAAAGAAATTGACAAGAATGACCACTTGTATATTTCTTCTCAGT
 ACCTTAGAGCCAAGTGCAGGCATATTGGGAACGACCAAGGACTCACCTAAGTGGCCCTCCTCATGG
 TGCTTCTTAGCATCATCTTCATGAATGGAATCGGTCCAGTGAAGGCTGTCATCTGGGAGGTGCTCGC
 GTTGGGGCTGCGCCCTGGGATTCATCACTCACTCTTTGGAGATGTGAAGAACTCATTACTGATGAGTTT
 GTGAAGCAGAAGTACCTGGACTATGCCAGAGTACCCAATAGCAATCCTCCTGAGTACGAGTCTTCTGGG
 GCCTACGCTCTTACTATGAGACCAGCAAGATGAAAGTTCTCAAGTTTGTGTAAGGTGCAAAAAGAAGGA
 TCCCAAGGAATGGGCAGCTCAGTACCGAGAGGCAATGGAAGCAGATTTGAAGGCTGCAGCTGAGGCTGT
 GCCGAAGCCAAGGCGAGGCTGAGATTAGAGCTCAGATGGGCATTGGGCTTGGCTCTGAGAATGCCGCTG
 GGCCCTGCAACTGGGACGAAGCTGATATTGACCCTGGGCAAAGGCCCGGATCCAGGCAGGAGCTGAAAC
 TAAAGCCAAGGCCAAGGAAGTGGTGGTCCAATGCCAGTGTGGTCCCGGTGCCAGTACTGGTACCAGT
 GTTGGTCCAGTGGCAGTCCAGTGTGGTCCAGTGTGGTCCAGTGGTGGCTTCAGTACAACCTCCA
 GCCTGACTGCCAGTCTCACATTTGGGCTCTCGCTGGCCTTAGTGAGGCTGGGGCCAGTACCAACAGCAG
 CTCTGGTGCCTGTGGTTTCTCCTACAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_001199246
- Insert Size:** 1851 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_001199246.1](#), [NP_001186175.1](#)

RefSeq Size: 2103 bp

RefSeq ORF: 1851 bp

Locus ID: 80884

Cytogenetics: X F3