

Product datasheet for **SC109591**

MAGED4B (NM_030801) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MAGED4B (NM_030801) Human Untagged Clone
Tag:	Tag Free
Symbol:	MAGED4B
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_030801, the custom clone sequence may differ by one or more nucleotides

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ATGGCTGAGGGAAGCTTCAGCGTGAATCGGAAAGCTACAGTGTTGAAGACATGGATGAGGGTAGCGACG
AAGTCGGGGAGGAAGAGATGGTTGAAGGCAACGACTATGAAGAATTCGGTGCCTTTGGTGGCTATGGCAC
CCTCACCAGCTTTGACATCCATATCCTCAGAGCCTTCGGAAGCTTGGGTCCAGGCCCTTCGCATCTTATCG
AATGAGCCCTGGGAAGTGGAAAACCTGTGCTGGCCAGACCTGGTGGAGGCATTGCAGCTGGATCCGG
AAACACTTGCCAATGAGACGGCCGCCCGTGTGCTGCAACGTAGCCCGCGCCGCCCTCCAACCGTGGCG
TCGGGCCGCTGCCGCGCTGCCGCTACCGCTTACGTAGGTGGTGGCTAGCCACCGGGTGGCCACGCCG
CAGGTCTCAGGAGAGGATACCCAGCCACGACCTACGCCGCCGAGGCTCAGGGGCCACCCCTGAGCCAC
CCCTTGCTTCTCCGACAGCTCCAGATGTTAGTACCAGTAAGATGGCTGCCCCGAGGCTCCGGCAAC
CTCCGACAGTCCAGACAGGCTCCCGGCCAGGAGGCTGCTACTGAGGGCCCTAGTAGCGCTGTGCT
TTCTCTCAGGCTCCGTGTGCCAGGGAGGTGGACGCCAACCGGCCAGCACAGCCTTCTGGGCCAGAATG
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AGAATGTTGTGGCAGCAGCTGCTGCCAAGGCCAAGATGGCCACGAGCATCCCTGAGCCGGAGGGTGCAGC
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CACCTGGATGATGAGTATGAGAGCAGCAGGAGGAGAGAGAGACTCCCGCGTCCACCCACCTGGAGAG
CATCACAGCCCTCATTGACGGTGCGGGCTCAGTTGGCCCTCGGCCCGGATGGCCCCGAGGTCCAGAT
ACCCTCAAGGCACGTACTGTGCTGCCCCCGCAACGTGACCTTCTGCAGGAGAGGGCAAATAAGTTG
GTGAAATACCTGATGATTAAGGACTACAAGAAGATCCCCATCAAGCGCGCAGACATGCTGAAGGATGTCA
TCAGAGAATATGATGAACATTTCCCTGAGATCATTGAACGAGCAACGTACACCCTGGAAAAGAAGTTTGG
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TACAAGAAGATCCCCAACAGCAACCCACCTGAGTATGAATTCCTTGGGGCTGCGAGCCCGCCATGAGA
CCAGCAAGATGAGGGTCTGAGATTATCGCCAGCAATCAGAACCAGACCCCGGAATGGAAGGCTCA
TTTCTTGAGGCTGTGGATGATGCTTTCAAGACAATGGATGTGGATATGGCCGAGGAACATGCCAGGGCC
CAGATGAGGGCCAGATGAATATCGGGGATGAAGCGCTGATTGGACGGTGGAGCTGGGATGACATACAAG
TCGAGCTCCTGACCTGGGATGAGGACGGAGATTTTGGCGATGCCTGGGCCAGGATCCCCCTTGTCTTCTG
GGCCAGATACCATCAGTACATTCTGAATAGCAACCGTGCCAACAGGAGGGCCACGTGGAGAGCTGGCGTC
AGCAGTGGCACCAATGGAGGGGCCAGCACCAGCGTCCTAGATGGCCCCAGCACCAGCTCCACCATCCGGA
CCAGAAATGCTGCCAGAGCTGGCGCCAGCTTCTCTCTGGATCCAGCACCCTTGA

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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_030801 unedited
 ATTTTTCGTATTATGACTACTATAGGGCGGGCCGCGATTCCGGCACGAGGCCTCGTGCCGA
 ATTCGGCACGAGGCTGGTGCTGAGGACGGACGCCATTGGAGTTCCCGAGAAGCTGCTTCA
 CCCTCCCTCTCAGGCTGAGCTCTCATCTCCCTGGGACCCGCAGCATGGCTGAGGGAAGCT
 TCAGCGTGAATCGGAAAGCTACAGTGTGAAGACATGGATGAGGGTAGCGACGAAGTCG
 GGGAGGAAGAGATGGTTGAAGGCAACGACTATGAAGAATTCGGTGCGTTTGGTGGCTATG
 GCACCCCTCACCAGCTTTGACATCCATATCCTCAGAGCCTTCGGAAGCTTGGGTCCAGGCC
 TTCGCATCTTATCGAATGAGCCCTGGGAACTGGAAAACCTGTGCTGGCCAGACCCTGG
 TGGAGGCATTGCAGCTGGATCCGAAACACTTGCCAATGAGACGGCCGCCGCTGTGCCA
 ACGTAGCCCGCGCCGCCCTCCAACCGTGCGGCTCGGGCCGCTGCCGCCGCTGCCCGTA
 CCGCCTTCAGTCAGGTGGTCGCTAGCCACCGGGTGGCCACGCCGAGGTCTCAGGAGAGG
 ATACCCAGCCACGACCTACGCCCGGAGGCTCAGGGGCCACCCCTGAGCCACCCCTTG
 CTTCTCCGAGACCTCCAGATGTTAGTCACCAGTAAGATGGCTGCCCGGAGGCTCCGG
 GCACCTCCGCACAGTCCAGACAGGCTCCCGGGCCCGAGGAGCTGCTACTGGAGGCCCTA
 GTAGCGCTGTGCTTTCTCAGCTCCGTGGCCACGGGAGGTGGACGCCAACCGGCCAC
 ACAGNCTTCTTGCCAGAATGATGTCTTCCGATTCACTCAGCGCAGGGGGTCAAGGGCAT
 GGCTTCCCGCGCCCGAGAGACCTGCCAGCCAGAGCGCCACAAGGGCCCCACGTGCC
 T

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_030801 unedited
 CGGCCGCAATCTAGNATCGAGTTTTTTTTTTTTTTTTTTAATTTTGCACTTTAATGTAA
 CACTGATACCCAAAACATGAAAACACAAGGAAAAGCACAAAATGAAAGCAGGAAGAGCA
 AAGAGAGCTTCATCTTGATGCCACCTCCGACTGACAGGAAGAAGCCGCTAGGGTGCTG
 TGTGAGAAAGGAATCTGAGAGGAGGCGCTCTGGCTTGGCCAGTAAGATCGCTGCAGTTG
 TCAACGGTGCCGAAACTCTTACTGGATCCAGGAGAAGAAGCTGGCGCCAGCTCTGGCAGC
 ATTTCTGGTCCGATGGTGGAGCTGGTGCTGGGGCCATCTAGGACGCTGGTGCTGGCCCC
 TCCATTGGTGCCACTGCTGACGCCAGCTCTCCAGTGCCCTCTGTTGGCAGGTTGCT
 ATTCAGAAATGACTGATGGTATCTGGCCAGAAAGCAAAGGGGATCCTGGCCAGGCATC
 GCCAAAATCTCCGTCTCATCCAGGTCAGGAGCTCGACTTGATGTCATCCAGCTCCA
 CCGTCCAATCAGCGCTTCATCCCGATATTCATCTGGGCCCTCATCTGGACCTGGCATG
 TTCCTCGGCCATATCCACATCCATTGTCTTGAAAGCATCATCCAGCCCTCCAAGAAATG
 AGCCTTCCATTCCCGAGGCTCTCGGTTCTGATTCTGGGCGATGAATCTCANGACCCTCAT
 CTTGCTGGTCTCATGGCGGGCTCGCAGGCCCGAGAGAANTCATACTCANGTGGGTTGCTN
 GTGGGGATCTTCTGTATTNCCAGTACTTCTGCTTCAAGTCATCTGTGATGAGCTTCC
 TCAGATCGCCGAGGATGGGTGCCTNACCCAGGCGCAGTCCCATCCTGCGTANTGCCTCC
 AGAGACAGNCTGCTGCACGGTGCCATTTCATGANAGACGCCAGATCACAGAGAGACTACCC
 TGGATGNCCTGT

Restriction Sites:

NotI-NotI

ACCN:

NM_030801

Insert Size:

2440 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:

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_030801.2](#), [NP_110428.2](#)

RefSeq Size: 2602 bp

RefSeq ORF: 2226 bp

Locus ID: 81557

UniProt ID: [Q96JG8](#)

Cytogenetics: Xp11.22

Gene Summary: This gene is a member of the MAGED gene family. It is expressed only in brain and ovary, and some transcript variants of this gene are specifically expressed in glioma cells. This gene is clustered with other MAGED genes on chromosome Xp11. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, May 2011]

Transcript Variant: This variant (1) represents the predominant transcript, and encodes isoform 1. Variants 1 and 2 encode the same isoform.