

Product datasheet for **SC331792**

MAGED4B (NM_001242362) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MAGED4B (NM_001242362) Human Untagged Clone
Tag:	Tag Free
Symbol:	MAGED4B
Vector:	pCMV6-Entry (PS100001)



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Fully Sequenced ORF: >SC331792 representing NM_001242362.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGGCTGAGGGAAGCTTCAGCGTGCAATCGGAAAGCTACAGTGTTGAAGACATGGATGAGGGTAGCGAC
 GAAGTCGGGGAGGAAGAGATGGTTGAAGCAACGACTATGAAGAATTCGGTGCGTTTGGTGGCTATGGC
 ACCCTCACCAGCTTTGACATCCATATCCTCAGAGCCTTCGGAAGCTTGGGTCCAGGCCTTCGCATCTTA
 TCGAATGAGCCCTGGGAAGTGGAAACCTGTGCTGGCCAGACCCTGGTGGAGGCATTGCAGCTGGAT
 CCGGAAACACTTGCCAATGAGACGGCCGCGCGTGTGCTGCCAACGTAGCCCGCGCCGCGCTCCAACCGT
 GCGGCTCGGGCCGCTGCCGCGCTGCCGTACCGCCTTCAGTCAAGTGGTGGTGGTACGCCACCGGGTGGCC
 ACGCCGCGAGGTCTCAGGAGAGGATACCCAGCCACGACCTACGCCGCGAGGCTCAGGGGCCACCCCT
 GAGCCACCCCTTGCTTCTCCGACAGCTCCAGATGTTAGTACCAGTAAGATGGCTGCCCGGAGGCT
 CCGGAACCTCCGACAGTCCAGACAGGCTCCCGGCCAGGAGGCTGCTACTGAGGGCCCTAGTAGC
 GCCTGTGCTTCTCAGGCTCCGTGTGCCAGGAGGTGGACGCCAACGGCCAGCACAGCCTTCTCTG
 GGCCAGAATGATGTCTTCGATTTCACTCAGCCGCGAGGTGTCAAGTGGCATGGCCTTCCCGCGCCCAAG
 AGACCTGCCCCAGCCCAAGAGGCTGCCACAGAGGGCCCCAGTGTGCCTCTGGTGTGCCACAGCGGA
 CCTGGCAGGGAGGTGGCAGCCACCGGCCCAAGACCACCAAGTCGGGGAAGGCGCTGGCCAAAGACTCGG
 TGGGTGGAGCCTCAGAATGTTGTGGCAGCAGTGTGCCAAGGCCAAGATGGCCACGAGCATCCCTGAG
 CCGGAGGGTGCAGCTGTGCCACTGCTCAGCACAGTGTGAGCCCTGGGCCAGGATGGGAGGCAAGAGG
 ACCAAGAAGTCCAAGCAGCTGGATGATGAGTATGAGAGCAGCAGGAGGAGAGAGACTCCCGCGGTC
 CCACCCACCTGGAGAGCATCACAGCCCTCATTGACGGTGGCGGCTCAGTTGGCCCTCGGCCCCGATG
 GCCCGGAGGTCCAGATACCTCAAGGCACGTACTGTGCTGCCCGCCGCAACGTGACCCCTTCTGCAG
 GAGAGGGCAAATAAGTTGGTGAATACTGATGATTAAGGACTACAAGAAGATCCCCATCAAGCGCGCA
 GACATGCTGAAGGATGTCATCAGAGAATATGATGAACATTTCCCTGAGATCATTGAACGAGCAACGTAC
 ACCCTGGAAAAGAAGTTTGGGATCCACCTGAAGGAGATCGACAAGGAAGAACACCTGTATATTCTTGTC
 TGCACACGGGACTCCTCAGCTCGCTCCTTGAAAAACCAAGGACTCCAGGCTGAGTCTCCTTTG
 GTGATTCTGGGCGTCATCTTATGAATGGCAACCGTGCCAGCGAGGCTGTCTCTGGGAGGCACTACGC
 AAGATGGGACTGCGCCCTGGGGTGGGACCCATTCTCGGCGATCTGAGGAAGCTCATCAGATGAC
 TTTGTGAAGCAGAAGAACCCGAGCTCAGAGAGGAGAGCCTCTGAGCATGGCTCCAGCTGGTACCTG
 GAATAACAAGAAGATCCCCAACAGCAACCCACCTGAGTATGAATTCCTCTGGGGCTGCGAGCCGCCAT
 GAGACCAGCAAGATGAGGGTCTGAGATTCATCGCCAGAATCAGAACCGAGACCCCGGGAATGGAAG
 GCTCATTTCTGGAGGCTGTGGATGATGCTTTCAAGACAATGGATGTGGATATGGCCGAGGAACATGCC
 AGGGCCAGATGAGGGCCAGATGAATATCGGGGATGAAGCGCTGATTGGACGGTGGAGCTGGGATGAC
 ATACAAGTCGAGCTCCTGACCTGGGATGAGGACGAGATTTTGGCGATGCCTGGGCCAGGATCCCTTT
 GCTTTCTGGGCCAGATACCATCAGTACATTCTGAATAGCAACCGTGCCAACAGGAGGGCCACGTGGAGA
 GCTGGCGTCAGCAGTGGACCAATGGAGGGGCCAGCACCAGCGTCTAGATGGCCCCAGCACCAGCTCC
 ACCATCCGGACCAGAAATGCTGCCAGAGCTGGCGCCAGCTTCTTCTCTGGATCCAGCACCCTGA

Restriction Sites: SgfI-MluI

ACCN: NM_001242362

Insert Size: 2274 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:	<u>NM_001242362.1</u>
RefSeq Size:	2687 bp
RefSeq ORF:	2274 bp
Locus ID:	81557
UniProt ID:	<u>Q96JG8</u>
Cytogenetics:	Xp11.22
MW:	83.2 kDa
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 (4) contains a slightly longer 5' UTR as a result of using an alternate acceptor splice site at the 2nd exon, and an additional in-frame coding exon compared to variant 1. This results in a longer isoform (3) containing an internal protein segment not found in isoform 1.