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Product datasheet for SC314585

MAGED4B (NM_177537) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MAGED4B (NM_177537) Human Untagged Clone
Tag:	Tag Free
Symbol:	MAGED4B
Vector:	pCMV6 series

View online »

Fully Sequenced ORF:

>NCBI ORF sequence for NM_177537, the custom clone sequence may differ by one or more nucleotides

ATGGCTGAGGGAAGCTTCAGCGTGCAATCGGAAAGCTACAGTGTTGAAGACATGGATGAG
GGTAGCGACGAAGTCGGGGAGGAAGAGATGGTTGAAGGCAACGACTATGAAGAATTCGGT
GCGTTTGGTGGCTATGGCACCCTCACCAGCTTTGACATCCATATCCTCAGAGCCTTCGGA
AGCTTGGGTCCAGGCCTTCGCATCTTATCGAATGAGCCCTGGGAACTGGAAAACCCTGTG
CTGGCCCAGACCCTGGTGGAGGCATTGCAGCTGGATCCGGAAACACTTGCCAATGAGACG
GCCGCCCGTGCTGCCAACGTAGCCCGCGCCGCCGCCTCCAACCGTGCGGCTCGGGCCGCT
GCCGCCGCTGCCCGTACCGCCTTCAGTCAGGTGGTCGCTAGCCACCGGGTGGCCACGCCG
CAGGTCTCAGGAGAGGATACCCAGCCCACGACCTACGCCGCCGAGGCTCAGGGGCCCACC
CCTGAGCCACCCCTTGCTTCTCCGCAGACCTCCCAGATGTTAGTCACCAGTAAGATGGCT
GCCCCCGAGGCTCCGGCAACCTCCGCACAGTCCCAGACAGGCTCCCCGGCCCAGGAGGCT
GCTACTGAGGGCCCTAGTAGCGCCTGTGCTTTCTCTCAGGCTCCGTGTGCCAGGGAGGTG
GACGCCAACCGGCCCAGCACAGCCTTCCTGGGCCAGAATGATGTCTTCGATTTCACTCAG
CCGGCAGGTGTCAGTGGCATGGCCTTCCCGCGCCCCAAGAGACCTGCCCCAGCCCAAGAG
GCTGCCACAGAGGGCCCCAGTGCTGCCTCTGGTGTGCCCCAGACGGGACCTGGCAGGGAG
GTGGCAGCCACCCGGCCCAAGACCACCAAGTCGGGGAAGGCGCTGGCCAAGACTCGGTGG
GTGGAGCCTCAGAATGTTGTGGCAGCAGCTGCTGCCAAGGCCAAGATGGCCACGAGCATC
CCTGAGCCGGAGGGTGCAGCTGCTGCCACTGCTCAGCACAGTGCTGAGCCCTGGGCCAGG
ATGGGAGGCAAGAGGACCAAGAAGTCCAAGCACCTGGATGATGAGTATGAGAGCAGCGAG
GAGGAGAGAGAGACTCCCGCGGTCCCACCCACCTGGAGAGCATCACAGCCCTCATTGACG
GTGCGGGCTCAGTTGGCCCCTCGGCCCCCGATGGCCCCGAGGTCCCAGATACCCTCAAGG
CACGTACTGTGCCTGCCCCCCCGCAACGTGACCCTTCTGCAGGAGAGGGCAAATAAGTTG
GTGAAATACCTGATGATTAAGGACTACAAGAAGATCCCCATCAAGCGCGCAGACATGCTG
AAGGATGTCATCAGAGAAATATGATGAACATTTCCCTGAGATCATTGAACGAGCAACGTAC
ACCCTGGAAAAGAAGTTTGGGATCCACCTGAAGGAGATCGACAAGGAAGAACACCTGTAT
ATTCTTGTCTGCACACGGGACTCCTCAGCTCGCCTCCTTGGAAAAACCAAGGACACTCCC
AGGCTGAGTCTCCTCTTGGTGATTCTGGGCGTCATCTTCATGAATGGCAACCGTGCCAGC
GAGGCTGTCCTCTGGGAGGCACTACGCAAGATGGGACTGCGCCCTGGGGTGAGGCACCCA
TTCCTCGGCGATCTGAGGAAGCTCATCACAGATGACTTTGTGAAGCAGAAGTACCTGGAA
TACAAGAAGATCCCCAACAGCAACCCACCTGAGTATGAATTCCTCTGGGGCCTGCGAGCC
CGCCATGAGACCAGCAAGATGAGGGTCCTGAGATTCATCGCCCAGAATCAGAACCGAGAC
CCCCGGGAATGGAAGGCTCATTTCTTGGAGGCTGTGGATGATGCTTTCAAGACAATGGAT
GTGGATATGGCCGAGGAACATGCCAGGGCCCAGATGAGGGCCCAGATGAATATCGGGGAT
GAAGCGCTGATTGGACGGTGGAGCTGGGATGACATACAAGTCGAGCTCCTGACCTGGGAT
GAGGACGGAGATTTTGGCGATGCCTGGGCCAGGATCCCCTTTGCTTTCTGGGCCAGATAC
CATCAGTACATTCTGAATAGCAACCGTGCCAACAGGAGGGCCACGTGGAGAGCTGGCGTC
AGCAGTGGCACCAATGGAGGGGCCAGCACCAGCGTCCTAGATGGCCCCAGCACCAGCTCC
ACCATCCGGACCAGAAATGCTGCCAGAGCTGGCGCCAGCTTCTTCTCCTGGATCCAG

Restriction Sites: Please inquire

ACCN: NM_177537

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: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_177537.1, NP_803881.1
RefSeq Size:	2585 bp
RefSeq ORF:	2220 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 (3, also known as MAGE-E1b) uses an alternate donor splice site at the penultimate exon compared to variant 1. This results in a frame-shift, early translation termination, and a shorter isoform (2) missing 2 aa from the C-terminus compared to isoform 1.