

Product datasheet for **SC320487**

MAGED1 (NM_001005333) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | MAGED1 (NM_001005333) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | MAGED1 |
| Synonyms: | DLXIN-1; NRAGE |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC (PS100020) |
| E. coli Selection: | Ampicillin (100 ug/mL) |



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Fully Sequenced ORF:

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>OriGene sequence for NM_001005333.1
ATTTTCTCCTGGACAAGGAGAGAGTGC GGCTGCTGAGAGCCGAGCCCAGCAATCCCGATC
CTCTGAGTCGTGAAGAAGGGAGGCAGCGAGGGGTTGGGGTTGGGGCCTGAGGCAAGCCC
CCAGGCTCCGCTCTTGCCAGAGGGACAGGAGCCATGGCTCAGAAAATGGACTGTGGTGCG
GGCCTCCTCGGCTTCCAGAATCCTGACGCTTGTAGAGCAGTCTGTACCCCTCCCCAG
CCTCCTGCCTCCACCCTCCCTCTTTCTGCATTCCCCTCTGTGCGACCCCTTATTCT
CAACTCCGCGATCCGCTGCGCTGAGCTGCTACTGCACGCCCTTTGGAGCGTCCCG
GCTCCTGCTGAGGCTCCGTAGAAAGACAGCGCCTTGCTTATGCAGACCTTGATGGAGGCC
ATCCAGATCTCAGAGGCTCCACCTACTAACCAGGCCACCGCAGCTGCTAGTCCCCAGAGT
TCACAGCCCCAACTGCCAATGAGATGGCTGACATTCAGGTTTCAGCAGCTGCCGCTAGG
CCTAAGTCAGCCTTTAAAGTCCAGAATGCCACCACAAAAGGCCAAATGGTGTCTATGAT
TTCTCTCAGGCTCATAATGCCAAGGATGTGCCAACACGCAGCCCAAGGCAGCCTTAAG
TCCCAAATGCTACCCAAAGGGTCCAATGCTGCCTATGATTTTTCCAGGCAGCAACC
ACTGGTGAGTTAGCTGCTAACAAGTCTGAGATGGCCTTCAAGGCCAGAATGCCACTACT
AAAGTGGGCCAAATGCCACCTACAATTTCTCTCAGTCTCTCAATGCCAATGACCTGGCC
AACAGCAGGCCTAAGACCCTTTCAAGGCTTGAATGATACCACTAAGGCCCAACAGCT
GATACCCAGACCCAGAATGTAATCAGGCCAAAATGGCCACTTCCCAGGCTGACATAGAG
ACCGACCCAGGTATCTCTGAACCTGACGGTGCAACTGCACAGACATCAGCAGATGGTTCC
CAGGCTCAGAATCTGGAGTCCCGACAATAATTCGGGGCAAGAGGACCCGCAAGATTAAT
AACTTGAATGTTGAAGAGAACAGCAGTGGGGATCAGAGGGCGGGCCCACTGGCTGCAGGG
ACCTGGAGGTCTGCACAGTTCAGTGACCACTCAGAACCACCTGGCGCACCCCAAT
GTGCTCTGGCAGACGCCATTGGCTTGGCAGAACCCTCAGGCTGGCAAAACCAGACAGCC
AGGCAGACCCACCAGCACGTCAGAGCCCTCAGCTAGGCAGACCCACCAGCCTGGCAG
AACCCAGTCGCTTGGCAGAACCAGTGAATTTGGCCAAACCAGTAATCTGGCAGAACCCA
GTGATCTGGCCAAACCCATTGTCTGGCCGGCCCTGTTGTCTGGCCGAATCCACTGGCC
TGGCAGAATCCACCTGGATGGCAGACTCCACCTGGATGGCAGACCCACCAGGCTGGCAG
GGTCTCCAGACTGGCAAGGTCTCCTGACTGGCCGCTACCACCCGACTGGCCACTGCCA
CCTGATTGGCCACTTCCCCTGACTGGCCACTACCACCTGACTGGATCCCCGCTGATTGG
CCAATTCACCTGACTGGCAGAACCCTGCGCCCTCGCCTAACCTGCGCCCTTCTCCCAAC
TCGCGTGCCTCACAGAACCAGGTGCTGCACAGCCCCGAGATGTGGCCCTTCTTCAGGAA
AGAGCAAATAAGTTGGTCAAGTACTTGATGCTTAAGGACTACACAAAGGTGCCCATCAAG
CGCTCAGAAATGCTGAGAGATATCATCCGTGAATACACTGATGTTTATCCAGAAATCATT
GAACGTGCATGCTTTGTCTAGAGAAGAAATTTGGGATCAACTGAAAGAAATTGACAAA
GAAGAACACCTGTATTTCTCATCAGTACCCCGAGTCCCTGGCTGGCATACTGGGAACG
ACCAAAGACACACCCAAGCTCGGTCTCCTCTTGGTGAATCTGGGTGCATCTTATGAAT
GGCAACCGTGCCAGTGAGGCTGTCTCTGGGAGGCACTACGCAAGATGGGACTGCGTCT
GGGGTGAGACATCCCCTCCTTGGAGATCAAGGAACTTCTCACCTATGAGTTTGTAAAG
CAGAAATACCTGGACTACAGACGAGTGCCCAACAGCAACCCCGGAGTATGAGTTCCTC
TGGGGCCTCCGTTCTACCATGAGACTAGCAAGATGAAAGTGCTGAGATTCATTGCAGAG
GTTTCAGAAAAGACCCCTCGTACTGGACTGCACAGTTCATGGAGGCTGCAGATGAGGCC
TTGGATGCTCTGGATGCTGCTGCAGCTGAGGCCGAAGCCGGGCTGAAGCAAGAACCCGC
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CTGCTGACCTGGGATGAGGAAGGAGATTTGGAGATCCCTGGTCCAGAATTCCATTTACC
TTCTGGGCCAGATACCACCAGAATGCCCGCTCCAGATTCCTCAGACCTTTGCCGGTCCC
ATTATTGGTCTGGTGGTACAGCCAGTGCCAACTTCGCTGCCAACTTTGGTGCCATTGGT
TTCTTCTGGGTTGAGTGAGATGTTGGATATTGCTATCAATCGCAGTAGTCTTTCCCTGT
GTGAGGCTGAAGCCTCAGATTCCTTCTAAACACAGCTATCTAGAGAGCCACATCCTGTTG
ACTGAAAGTGGCATGCAAGATAAATTTATTTGCTGTTCTTGTCTACTGCTTTTTTTCCC
CTTGTGTGCTGTCAAGTTTTGGTATCAGAAATAAACATTGAAATTGCAAAGTGAAAAAAA
AAAAAAAAAA
    
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Restriction Sites:

Please inquire

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| ACCN: | NM_001005333 |
| 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: | <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_001005333.1</u> , <u>NP_001005333.1</u> |
| RefSeq Size: | 2928 bp |
| RefSeq ORF: | 2505 bp |
| Locus ID: | 9500 |
| UniProt ID: | <u>Q9Y5V3</u> |
| Cytogenetics: | Xp11.22 |
| Protein Families: | Druggable Genome |
| Protein Pathways: | Neurotrophin signaling pathway |
| Gene Summary: | <p>This gene is a member of the melanoma antigen gene (MAGE) family. Most of the genes of this family encode tumor specific antigens that are not expressed in normal adult tissues except testis. Although the protein encoded by this gene shares strong homology with members of the MAGE family, it is expressed in almost all normal adult tissues. This gene has been demonstrated to be involved in the p75 neurotrophin receptor mediated programmed cell death pathway. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (a).</p> |