

## Product datasheet for **SC126375**

### **MAGEA6 (NM\_005363) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	MAGEA6 (NM_005363) Human Untagged Clone
Tag:	Tag Free
Symbol:	MAGEA6
Synonyms:	CT1.6; MAGE-3b; MAGE3B; MAGE6
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_005363 edited  
 GCCTGACGTGCGGCGGAGGGAAGCCGCCAGGCTCGGTGAGGAGGCAAGGTTCTGAGGGG  
 ACAGGCTGACGTGGAGGACCAGAGGCCCGGAGGAGCACTGAAGGAGAAGATCTGCCAG  
 TGGGTCTCATTGCCAGCTCCTGCCACACTCCCGCCTGTTGCCCTGACCAGAGTCATC  
 ATGCCTTTGAGCAGAGGAGTCACTGCAAGCCTGAAGAAGGCCTTGAGGCCGAGGA  
 GAGGCCCTGGGCTGGTGGTGCGCAGGCTCCTGCTACTGAGGAGCAGGAGGCTGCCTCC  
 TCCTCTTCTACTCTAGTTGAAGTCAACCCTGGGGGAGGTGCCTGCTGCCGAGTCACCAGAT  
 CCTCCCCAGAGTCTCAGGGAGCCTCCAGCCTCCCCACTACCATGAACTACCCTCTCTGG  
 AGCCAATCCTATGAGGACTCCAGCAACCAAGAAGAGGAGGGGCCAAGCACCTTCCCTGAC  
 CTGGAGTCTGAGTCCAAGCAGCACTCAGTAGGAAGGTGGCCAAGTTGGTTCATTTTCTG  
 CTCCTCAAGTATCGAGCCAGGGAGCCGGTCAAAAGGCAGAAATGCTGGGGAGTGTCTGTC  
 GGAAATTTGGCAGTACTTCTTTCTGTGATCTTCAGCAAAGCTTCCGATTCTTGCAGCTG  
 GTCTTTGGCATCGAGCTGATGGAAGTGGACCCATCGGCCACGTGTACATCTTTGCCACC  
 TGCTGGGCTCTCCTACGATGGCCTGCTGGGTGACAATCAGATCATGCCAAGACAGGC  
 TTCTGATAATCATCCTGGCCATAATCGCAAAAGAGGGCGACTGTGCCCTGAGGAGAAA  
 ATCTGGGAGGAGCTGAGTGTGTTAGAGGTGTTGAGGGGAGGGAAGACAGTATCTTCGGG  
 GATCCCAAGAAGCTGCTCACCAATATTTCTGTCAGGAAAACCTGGAGTACCGGCAG  
 GTCCCCGGCAGTATCCTGCATGCTATGAGTTCCTGTGGGGTCCAAGGGCCCTCATTGAA  
 ACCAGCTATGTGAAAGTCTGCACCATATGGTAAAGATCAGTGGAGGACCTCGCATTTCC  
 TACCCACTCCTGCATGAGTGGGCTTTGAGAGAGGGGGAAGAGTGAAGTCTGAGCAGGATT  
 GCAGCCAGGGCCAGTGGGAGGGGTTTGGGCCAGTGCACCTTCCGGGGCCCCATCCCTTA  
 GTTTCCACTGCCTCCTGTGACGTGAGGCCATTCTTCACTCTTTGAAGCGAGCAGTCAGC  
 ATTCTTAGTAGTGGGTTTCTGTTCTGTTGGATGACTTTGAGATTATCTTTGTTTCTGT  
 TGGAGTTGTTCAAATGTTCTTTTAAACGATGGTTGAATGAGCGTCAGCATCCAGGTTTA  
 TGAATGACAGTAGTCACACATAGTGCTGTTTATATAGTTTAGGAGTAAGAGTCTTGT  
 TTATTCAGATTGGGAAATCCATTCCATTTGTGAATTGTGACATAATAATAGCAGTGGTA  
 AAAGTATTTGCTTAAATTTGTGAGCGAATTAGCAATAACATACATGAGATAACTCAAGAA  
 ATCAAAAGATAGTTGATTCTTGCCTTGTACCTCAATCTATTCTGTAATAATAACAAATA  
 TGCAAACCAGGATTTCTTGACTTCTTTGAGAATGCAAGCGAAATTAATCTGAATAAAT  
 AATTA

**5' Read Nucleotide Sequence:** >OriGene 5' read for NM\_005363 unedited  
 NAGGTCATATTTGTATACGACTCATATAGGCGGACCGCAATTCGCACGAGGGCCTGAC  
 GTCGGCGGAGGGAAGCCGGCCAGGCTCGGTGAGGAGGCAAGGTTCTGAGGGGACAGGCT  
 GACGTGGAGGACCAGAGGCCCGGAGGAGCACTGAAGGAGAAGATCTGCCAGTGGGTCT  
 CCATTGCCAGCTCCTGCCACACTCCCGCCTGTTGCCCTGACCAGAGTCATCATGCCTC  
 TTGAGCAGAGGAGTCACTGCAAGCCTGAAGAAGGCCTTGAGGCCCGAGGAGAGGCC  
 TGGGCTGGTGGGTGCGCAGGCTCCTGCTACTGAGGAGCAGGAGGCTGCCTCCTCCTCT  
 TACTCTAGTTGAAGTCAACCCTGGGGGAGGTGCCTGCTGCCGAGTCAACCAGATCCTCCC  
 AGAGTCTCAGGGAGCCTCCAGCCTCCCCACTACCATGAACTACCCTCTCTGGAGCCAAT  
 CCTATGAGGACTCCAGCAACCAAGAAGAGGAGGGGCCAAGCACCTTCCCTGACCTGGAGT  
 CTGAGTCCAAGCAGCACTCAGTAGGAAGGTGGCCAAGTTGGTTCATTTTCTGCTCTCA  
 AGTATCGAGCCAGGGAGCCGGTCAAAAGGCAGAAATGCTGGGGAGTGTCTGCGGAAAT  
 GGCAGTACTTCTTCTGTGATCTTCAGCAAAGCTTCCGATTCTTGCAGCTGGTCTTTG  
 GCATCGAGCTGATGGAAGTGGACCCATCGGCCACGTGTACATCTTTGCCACCTGCCTGG  
 GCCTCTCCTACGATGGCCTGCTGGGTGACAATCAGATCATGCCAAGACAGGCTTCTGTA  
 TNATCATCCTGGCCATAATCGCAAAAGAGGGCGACTGTGCCCTGAGAGAAATCTNNGGA  
 GAGCTGAGTGTGTAGAAGTGTGGANGG

**Restriction Sites:** Please inquire  
**ACCN:** NM\_005363

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_005363.2</a> , <a href="#">NP_005354.1</a>
<b>RefSeq Size:</b>	1723 bp
<b>RefSeq ORF:</b>	945 bp
<b>Locus ID:</b>	4105
<b>UniProt ID:</b>	<a href="#">P43360</a>
<b>Cytogenetics:</b>	Xq28
<b>Gene Summary:</b>	<p>This gene is a member of the MAGEA gene family. The members of this family encode proteins with 50 to 80% sequence identity to each other. The promoters and first exons of the MAGEA genes show considerable variability, suggesting that the existence of this gene family enables the same function to be expressed under different transcriptional controls. The MAGEA genes are clustered at chromosomal location Xq28. They have been implicated in some hereditary disorders, such as dyskeratosis congenita. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]</p> <p>Transcript Variant: This variant (1) differs in the 5' UTR, compared to variant 2. Variants 1 and 2 encode the same protein.</p>