

## Product datasheet for **SC122711**

### **MAGEA11 (NM\_005366) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	MAGEA11 (NM_005366) Human Untagged Clone
Tag:	Tag Free
Symbol:	MAGEA11
Synonyms:	CT1.11; MAGE-11; MAGE11; MAGEA-11
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\_005366 edited  
 CAGGCTCCATGAGGAGGCAAGCCTTGGGAATCTGAGGGATGGAGACTCAGTTCGCGAGAG  
 GGGGTCTGGGGTGCAGCCCTGCCAGCATCAAGAGGAAGAAGAAGAGGGGAGGACTCAGGAG  
 ACTTTGGACTCCAGGTGAGCACTATGTTCTCAGAGGACGACTTCCAGTCAACAGAAAGAG  
 CCCCATATGGTCCACAACACAGTGGTCCCAGGATCTGCCAAGAGTCCAGGTTTTAGAG  
 AACAGGCCAACCTGGAGGACAGGAGTCCCAGGAGAACCCAGAGGATCACTGGAGGAAAC  
 AAGTGTGTGGGGCCCCATCACCCAGATATTTCCACAGTTCGGCCTGCTGACCTAACCA  
 GAGTCATCATGCCTCTTGAGCAAAGAAGTCAGCACTGCAAGCCTGAGGAAGGCCTTCAGG  
 CCCAAGAAGAAGACCTGGGCCTGGTGGGTGCACAGGCTCTCCAAGCTGAGGAGCAGGAGG  
 CTGCCTTCTTCTCCTCTACTCTGAATGTGGGCACTCTAGAGGAGTTGCCTGCTGTGAGT  
 CACCAAGTCTCCCAGAGTCTCAGGAAGAGTCTTCTCTCCACTGCCATGGATGCCA  
 TCTTTGGGAGCCTATCTGATGAGGGCTCTGGCAGCCAAGAAAAGGAGGGGCAAGTACCT  
 CGCCTGACCTGATAGACCCTGAGTCCTTTCCCAAGATATACTACATGACAAGATAATTG  
 ATTTGGTTCATTTATTGCTCCGCAAGTATCGAGTCAAGGGGCTGATCACAAAGGCAGAAA  
 TGCTGGGAGTGTATCAAAAATTATGAGGACTACTTTCTGAGATATTTAGGGAAGCCT  
 CTGATGATGCAACTGCCTTTGGCATTGATGTGAAGGAAGTGACCCCACTAGCCACT  
 CCTATGTCCTTGTACCTCCCTCAACCTCTTATGATGGCATACAGTGTAAATGAGCAGA  
 GCATGCCCAAGTCTGGCCTCCTGATAATAGTCCTGGGTGTAATCTTCATGGAGGGGAACT  
 GCATCCCTGAAGAGGTTATGTGGGAAGTCTGAGCATTATGGGGGTGATGCTGGAAGGG  
 AGCACTTCTCTTTGGGAGCCCAAGAGGCTCCTACCCAAAATTGGGTGCAGGAAAAGT  
 ACCTGGTGTACCGGCAGGTGCCCGCACTGATCCTGCATGCTATGAGTTCCTGTGGGGT  
 CAAGGGCCACGCTGAGACCAGCAAGATGAAAGTCTTGAGTACATAGCCAATGCCAATG  
 GGAGGATCCCCTTCTACCCATCCCTGTATGAAGATGCTTTGAGAGAGGAGGGGAGG  
 GAGTCTGAGCATGAGATGCAACCAAGGGCCAGCGGCAGGGAAATGGCCCAATGCATGCTT  
 CAGGGCCACACCCAGCAGTTTCCCTGTCTGTGTGAAATCAGGCCATTCTTCCCTCTGT  
 GTTTGATGAGAGAAGTCAGTGTCTCAGTAGTAGAAGGCACAGTGAATGGAAGGGAACAC  
 ATTGTATACTGCCTTTAGGTTTCTTCCATCGGGTACTTGGAGATTTCTTTTTGTTTC  
 CCTTTGGTAATTTCAAATATTGTTCTGTAATAAAAAGTTTTAGTTAGCTTCAACATCTA  
 AGTGTATGGATGATACTGACCACACATGTTGTTTTGCTTATCCATTTCAAGTGAAGTGT  
 TTGCCATTTTGTAAAACATTTTGGGAAATCTTCCATCTTGCTGTGATTTGCAATAGGTAT  
 TTTCTTGAGAATGTAAGAACTTAACAATAAAGCTGAAGTGGTGTGTGAAACAGAGAAA  
 AAAAAAAAAAAAAA

**5' Read Nucleotide Sequence:** >OriGene 5' read for NM\_005366 unedited  
 NNNCCCAGTTTCAGTATTTGTATACGACTCACTTAGGCGGCACGCAATTCGCACGAGGCA  
 GGCTCCATGAGGAGGCAAGCCTTGGGAATCTGAGGGATGGAGACTCAGTTCGCGAGAGGG  
 GGTCTGGGGTGCAGCCCTGCCAGCATCAAGAGGAAGAAGAAGAGGGGAGGACTCAGGAGAC  
 TTTGGACTCCAGGTGAGCACTATGTTCTCAGAGGACGACTTCCAGTCAACAGAAAGAGCC  
 CCATATGGTCCACAACACAGTGGTCCCAGGATCTGCCAAGAGTCCAGGTTTTTLAGAGAA  
 CAGGCCAACCTGGAGGACAGGAGTCCCAGGAGAACCCAGAGGATCACTGGAGGAGAACA  
 GTGCTGTGGGGCCCCATCACCCAGATATTTCCACAGTTCGGCCTGCTGACCTAACCCAGA  
 GTCATCATGCCTCTTGAGCAAAGAAGTCAGCACTGCAAGCCTGAGGAAGGCCTTCAGGCC  
 CAAGAAGAAGACCTGGGCCTGGTGGGTGCACAGGCTCTCCAAGCTGAGGAGCAGGAGGCT  
 GCCTTCTTCTCCTCTACTCTGAATGTGGGCACTCTAGAGGAGTTGCCTGCTGCTGAGTCA  
 CCAAGTCTCCCAGAGTCTCAAGAAGAGTCTTCTCTCCACTGCCATGGATGCCATC  
 TTTGGGAGCCTATCTGATGAGGGCTCTGGCAGCCAAGAAAAGGATGGGCCAAGTACCTCG  
 CCTGACCTGATAGACCCTGAGTCCTTTCCAGATATACTACATGACAAGATAATTGATT  
 TGGTTCATTTATTGCTCCGCAAGTATCGAGTCAAGGGGCTGATCACAAAGCAGAATGCTGG  
 GAGTGTATCAAAAATATGAGGACTACTTTGCTGAGATATTTAGGGAAGCCTCTG

**Restriction Sites:** Please inquire  
**ACCN:** NM\_005366

<b>Insert Size:</b>	1824 bp
<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_005366.4</a> , <a href="#">NP_005357.2</a>
<b>RefSeq Size:</b>	1892 bp
<b>RefSeq ORF:</b>	1290 bp
<b>Locus ID:</b>	4110
<b>UniProt ID:</b>	<a href="#">P43364</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. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (a).</p>