

## Product datasheet for **RC237384**

### **MAGEA2 (NM\_001282501) Human Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** MAGEA2 (NM\_001282501) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** MAGEA2  
**Synonyms:** CT1.2; MAGE2; MAGEA2A  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RC237384 representing NM\_001282501  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCCTCTTGAGCAGAGGAGTCAGCACTGCAAGCCTGAAGAAGGCCTTGAGGCCGAGGAGAGGCCCTGG  
GCCTGGTGGGTGCGCAGGCTCCTGCTACTGAGGAGCAGCAGACCGCTTCTCCTTCTACTCTAGTGGA  
AGTTACCCTGGGGAGGTGCCTGCTGCCGACTCACCGAGTCTCCACAGTCTCAGGGAGCCTCCAGC  
TTCTCGACTACCATCACTACACTCTTTGGAGACAATCCGATGAGGGCTCCAGCAACCAAGAAGAGGAGG  
GGCCAAGAATGTTCCCGACCTGGAGTCCGAGTCCAAGCAGCAATCAGTAGGAAGATGGTTGAGTTGGT  
TCAATTTCTGCTCCTCAAGTATCAAGCCAGGGAGCCGGTCAAAAAGGCAGAAATGCTGGAGAGTGTCTC  
AGAAATTGCCAGGACTTCTTTCCCGTGATCTTCAGCAAAGCCTCCGAGTACTTGCAGCTGGTCTTTGGCA  
TCGAGGTGGTGAAGTGGTCCCCATCAGCCACTTGACATCCTTGTACCTGCCTGGGCCTCTCCTACGA  
TGGCCTGCTGGGCGACAATCAGGTATGCCAAGACAGGCCTCCTGATAATCGTCTGGCCATAATCGCA  
ATAGAGGGCGACTGTGCCCTGAGGAGAAAACTGGGAGGAGCTGAGTATGTTGGAGGTGTTTGGGGGA  
GGGAGGACAGTGTCTTCGCACATCCCAGGAAGCTGCTCATGCAAGATCTGGTGCAGGAAAACCTACCTGGA  
GTACCGGCAGGTGCCCGCAGTATCCTGCATGCTACGAGTTCCTGTGGGGTCCAAGGGCCCTCATTGAA  
ACCAGCTATGTGAAAGTCTGCACCATACTAAAGATCGGTGGAGAACCTCACATTTCTACCCACCCC  
TGCATGAACGGGCTTTGAGAGAGGGAGAAGAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**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\\_001282501.1](#), [NP\\_001269430.1](#)

**RefSeq Size:** 1964 bp

**RefSeq ORF:** 945 bp

**Locus ID:** 4101

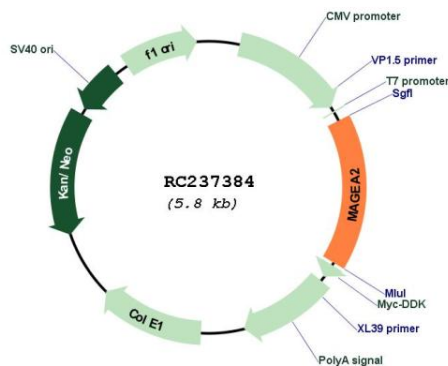
**UniProt ID:** [P43356](#)

**Cytogenetics:** Xq28

**MW:** 35 kDa

**Gene Summary:** 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. This gene has two identical copies at different loci. Alternatively spliced transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq, Jul 2008]

### Product images:



Circular map for RC237384