

Product datasheet for RC237385

MAGEA2 (NM_001282502) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MAGEA2 (NM_001282502) 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:	>RC237385 representing NM_001282502. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTGTAAATACGACTCACTATAGGGCCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCCTTTGAGCAGAGGAGTCAGCACTGCAAGCCTGAAGAAGGCCTTGAGGCCCGAGGAGAGGCCCTG
GGCCTGGTGGGTGCGCAGGCTCCTGCTACTGAGGAGCAGCAGACCGCTTCTTCTCTTCTACTCTAGTG
GAAGTTACCTGGGGGAGGTGCTGCTGCCGACTCACCGAGTCTCCACAGTCTCAGGGAGCCTCC
AGCTTCTCGACTACCATCAACTACTCTTTGGAGACAATCCGATGAGGGCTCCAGCAACCAAGAAGAG
GAGGGGCCAAGAATGTTCCCGACTGGAGTCCGAGTTCCAAGCAGCAATCAGTAGGAAGATGGTTGAG
TTGGTTCAATTTCTGCTCCTCAAGTATCAAGCCAGGGAGCCGGTCAAAAGGCAGAAATGCTGGAGAGT
GTCCTCAGAAATTGCCAGGACTTCTTCCCGTGATCTTACGAAAGCCTCCGAGTACTTGCAGCTGGTC
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TCCTACGATGGCCTGCTGGGCGACAATCAGGTCATGCCCAAGACAGGCCTCCTGATAATCGTCTGGCC
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GCCCTATTGAAACCAGCTATGTGAAAGTCTGCACCATACACTAAAGATCGGTGGAGAACCTCACATT
TCCTACCCACCCTGCATGAACGGGCTTTGAGAGAGGGAGAAGAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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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 Size: 1866 bp

RefSeq ORF: 945 bp

Locus ID: 4101

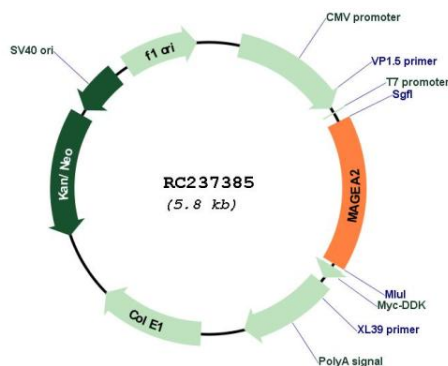
UniProt ID: [P43356](#)

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 RC237385