

Product datasheet for **RC201480**

MAGEA12 (NM_005367) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MAGEA12 (NM_005367) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	MAGEA12
Synonyms:	CT1.12; MAGE12
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC201480 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCCACTTGAGCAGAGGAGTCAGCACTGCAAGCCTGAGGAAGGCCTTGAGGCCAAGGAGAGGCCCTGG
GCTTGGTGGGTGCGCAGGCTCCTGCTACTGAGGAGCAGGAGACTGCCTCCTCCTCTACTCTAGTGGA
AGTCACCCTGCGGGAGGTGCCTGCTGCCGAGTCACCAAGTCTCCACAGTCTCAGGGAGCCTCCACC
CTCCCCACTACCATCACTATACTCTCTGGAGTCAATCCGATGAGGGCTCCAGCAACGAAGAACAGGAAG
GGCCAAGCACCTTTCCTGACCTGGAGACGAGCTTCCAAGTAGCACTCAGTAGGAAGATGGCTGAGTTGGT
TCAATTTCTGCTCCTCAAGTATCGAGCCAGGGAGCCATTACAAAAGGCAGAAATGCTGGGGAGTGTCATC
AGAAATTTCCAGGACTTCTTTCCTGTGATCTTCAGCAAAGCCTCCGAGTACTTGCAGCTGGTCTTTGGCA
TCGAGGTGGTGAAGTGGTCCGCATCGGCCACTTGACATCCTTGTACCTGCCTGGGCCTCTCCTACGA
TGGCCTGCTGGGCGACAATCAGATCGTGCCCAAGACAGGCCTCCTGATAATCGTCTGGCCATAATCGCA
AAAGAGGGCGACTGTGCCCTGAGGAGAAAATCTGGGAGGAGCTGAGTGTGTTGGAGGCATCTGATGGGA
GGGAGGACAGTGTCTTTGCGCATCCAGGAAGCTGCTCACCAAGATTTGGTGCAGGAAAACCTGGA
GTACCGGCAGGTCCCGGCAGTATCCTGCATGCTACGAGTTCCTGTGGGGTCCAAGGGCCCTCGTTGAA
ACCAGCTATGTGAAAGTCTGCACCATTTGCTAAAGATCAGTGGAGGACCTCACATTTCTACCCACCCC
TGCATGAATGGCTTTTAGAGAGGGGAAGAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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_005367.7](#)

RefSeq Size: 1664 bp

RefSeq ORF: 945 bp

Locus ID: 4111

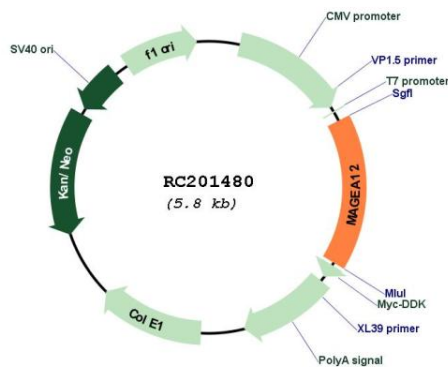
UniProt ID: [P43365](#)

Cytogenetics: Xq28

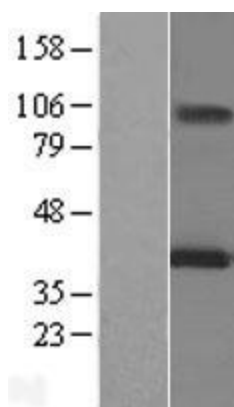
MW: 34.8 kDa

Gene Summary: This gene is closely related to several other genes clustered on chromosome X. These genes may be overexpressed in tumors. Multiple alternatively spliced variants encoding the same protein have been identified. [provided by RefSeq, Jun 2014]

Product images:



Circular map for RC201480



Western blot validation of overexpression lysate (Cat# [LY417345]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC201480 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).