

Product datasheet for **SC328505**

MAGEA12 (NM_001166387) Human Untagged Clone

Product data:

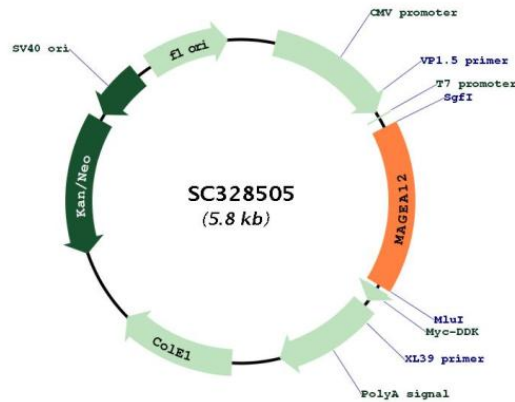
Product Type:	Expression Plasmids
Product Name:	MAGEA12 (NM_001166387) Human Untagged Clone
Tag:	Tag Free
Symbol:	MAGEA12
Synonyms:	CT1.12; MAGE12
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC328505 representing NM_001166387. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCCACTTGAGCAGAGGAGTCAGCACTGCAAGCCTGAGGAAGGCCTTGAGGCCAAGGAGAGGCCCTG
GGCTTGGTGGGTGCGCAGGCTCCTGCTACTGAGGAGCAGGAGACTGCCTCCTCCTCTACTCTAGTG
GAAGTCACCCCTGCGGGAGGTGCTGCTGCCGAGTCACCAAGTCTCCACAGTCTCAGGGAGCCTCC
ACCCTCCCCTACCATCAACTATACTCTGAGTCAATCCGATGAGGGCTCCAGCAACGAAGAACAG
GAAGGGCCAAGCACCTTTCCTGACCTGGAGACGAGCTTCCAAGTAGCACTCAGTAGGAAGATGGCTGAG
TTGGTTCAATTTCTGCTCCTCAAGTATCGAGCCAGGGAGCCATTACAAAGGCAGAAATGCTGGGGAGT
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TCTGATGGGAGGGAGGACAGTGTCTTTCGCGATCCCAGGAAGTCTCACCAAGATTTGGTGCAGGAA
AACTACCTGGAGTACCGGCAGTCCCGGCAGTATCCTGCATGCTACGATTCCTGTGGGGTCCAAGG
GCCCTCGTTGAAACCAGCTATGTGAAAGTCTGCACCATTTGCTAAAGATCAGTGGAGGACCTCACATT
TCCTACCACCCCTGCATGAATGGCTTTTAGAGAGGGGAAGAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001166387

Insert Size: 945 bp

OTI Disclaimer: 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

Components: 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).

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_001166387.3](https://www.ncbi.nlm.nih.gov/RefSeq/record/NM_001166387.3)

RefSeq Size: 1770 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]
Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1, 2 and 3 all encode the same protein. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.