

Product datasheet for **SC306062**

MAGEC3 (NM_138702) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MAGEC3 (NM_138702) Human Untagged Clone
Tag:	Tag Free
Symbol:	MAGEC3
Synonyms:	CT7.2; HCA2; MAGE-C3; MAGEC4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC306062 representing NM_138702.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGCTGCTGCCCTGCCACTGGGTGTTGGATGCCACCTTCAGTGATGGCAGTCTAGGCCAGTGGGTGAAA
AACACATGTGCCACATATGCCTTATCCCCAGTGGTGCTCCACCTCAGCCCCAGCCCCGAAAAAGGCC
ACAGATAAGGACTATTCTGCCTTTCATCTTGGGCATCTGAGGGAGGTGAGGCTTTTTCTGAGGGTGGA
ACTTCAGATCAGCGAATGGATAGTCTTGTCTCTGCCCCACATACTTCAAGCTCTGGAGGACCCTATCA
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GGAAAAAGGTTGTGGGGGAGAAAGCGGGGAGCTTCCAGAGAGCGAGCCCTTGTCACTATACACTG
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CAACAGAAGAAGGGAGGAGAAGATGAGGATATGCCTGCTGGGATGCCACCTTCCCCAGAGTCCCT
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CCTCTAGACTCCTGCTCATCCCTCTTTTGTGGACCCGATTGGATGAGGAGTCCAGCAGTGAAGAGGAG
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GACCTCACCTATGAGGGAAGCCTGATTGATGACCAGGGCATGCCCAAGAAGTGTCTCTGATTCTTATT
CTCAGTATGATCTTCATAAAGGGCAGCTGTGTCCCGAGGAGGTCTGGAAGTGTGAGTGAATA
GGGCCATTGAGAGCCAGCAAGAGAAGTCTTAGAGTTTTATCAAGCTATCCAGTATCATCCCTAGT
GCCTTTCATCCTGGTACATGGATGCTTTGAAAGATATGGAAGACAGAGCCAGGCCATAATTGACACC
ACAGATGATGCTACTGCCATGGCCAGTGAAGCCCAAGTGCATGTCCACCAACTCTGTCTGAGTGA

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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI

ACCN: NM_138702

Insert Size: 1932 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:	<ol style="list-style-type: none">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_138702.1
RefSeq Size:	1932 bp
RefSeq ORF:	1932 bp
Locus ID:	139081
UniProt ID:	Q8TD91
Cytogenetics:	Xq27.2
MW:	71.9 kDa
Gene Summary:	<p>This gene is a member of the MAGEC gene family. The members of this family are not expressed in normal tissues, except for testis, and are expressed in tumors of various histological types. The MAGEC genes are clustered on chromosome Xq26-q27. Two transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) is the longer transcript and encodes the longer isoform (1).</p>