

Product datasheet for **SC306063**

MAGEE2 (NM_138703) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MAGEE2 (NM_138703) Human Untagged Clone
Tag:	Tag Free
Symbol:	MAGEE2
Synonyms:	HCA3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC306063 representing NM_138703.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTCTCTGGTAAGCCAGAATGCACGCCACTGTAGCGCAGAGATCACTGCAGATTACGGCGACGGCAGA
GGTGAAATACAAGCTACTAACGCCTCCGGGTCCCCACCTCCATGCTAGTCGTTGATGCCCCCAGTGC
CCTCAGGCGCCAATCAACTCTCAGTGTGTCAACACTTCCAGGCCGTTCCAGGACCGAATGACCTGGAG
GTCCTGATCGACGAGCAGTCCAGACGTTTGGGGCGCTCAGGGTCCATGACCCTCTAGAAGACAGGTCG
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GTCTTTGGGTTGAACCTGAGAGTTATTGATCCTCAGGCTGACACCTACAATTTAGTCAGCAAACGGGGT
TTCCAGATCACCGATAGGATAGCGGAGTCCCTGGACATGCCAAAAGCAAGTCTCCTGGCCCTAGTCCTA
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ATGCTAGAGAGCCTGGGAGACCACTCAAGAATATGTAATGCCAATCCTAGGTTGATCTTCTCTGATG
GGCAACCGTGTCAAAGAGGCCAATGTCTGGAACCTTGCTTCGAAGATTTAGTGTGGATGTAGGGAGAAAG
CATTCCATCACCCGTAAGCTTATGAGACAGCGCTATCTGGAATGCAGGCCACTGTCCTACTCTAATCCA
GTTGAATATGAGTTCTATGGGGTCTCGAGCTCACCATGAAACCATCAAATGAAAGTCTTGAGTAC
ATGGCCAGGCTCTACAGAAAGCGACCACAGAACTGGCCAGAACAATATAGGGAGGCTGTGGAAGATGAG
GAGGCCAGAGCCAAATCTGAGGCAACTATCATGTTTTTCTTGACCCACGTGA
ACGCGTACGCGGCCGCTCGAGCAGAAATCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_138703

Insert Size: 1572 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:	<u>NM_138703.4</u>
RefSeq Size:	2257 bp
RefSeq ORF:	1572 bp
Locus ID:	139599
UniProt ID:	<u>Q8TD90</u>
Cytogenetics:	Xq13.3
MW:	60.4 kDa
Gene Summary:	This gene encodes a member of the E subfamily of MAGE (melanoma antigen-encoding gene) gene family. The gene is intronless and the encoded protein has two of the MAGE domains which are characteristic of MAGE family proteins. [provided by RefSeq, Sep 2011]