

Product datasheet for **SC127096**

MAGEF1 (NM_022149) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MAGEF1 (NM_022149) Human Untagged Clone
Tag:	Tag Free
Symbol:	MAGEF1
Synonyms:	MAGE-F1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC127096 sequence for NM_022149 edited (data generated by NextGen Sequencing)

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ATGTTGCAGACACCAGAGAGCAGGGGGCTCCCGTCCCGCAGGCCGAGGGGAGAAGGAT
GGCGGCCATGATGGTGAGACCCGGGCCCCGACCGCTCGCAGGAGCGCCCAAGGAGGAG
CTTGCGCGCGGAGGGAGGAGGGGGCTGCGGAGCCCGCCCTACCCGAAAGGCGCGAGG
GCCTTGCGGCCAAAGCCTTGCAAGGCGCAGGGCCTACCGCCGGCTGAATCGGACGGTG
GCGGAGTTGGTGAGTTCTCTGGTGAAAGACAAGAAGAAGAGTCCCATCACACGCTCG
GAGATGGTGAAATACGTTATTGGAGACTGAAGATTCTGTTCCCGGACATCATCGCAAGG
GCCGCAGAGCATCTGCGGTATGTCTTTGGTTTTGAGCTGAAACAGTTTGACCGCAAGCAC
CACACTTACATCCTGATCAACAACTAAAACCTCTGGAGGAGGAGGAGGAGGAGGATCTG
GGAGGAGATGGCCCCAGATTGGGTCTGTTAATGATGATCCTGGGCCTTATCTATATGAGA
GGTAATAGCGCCAGGGAGGCCAGGTCTGGGAGATGCTGCGTTCGGTTGGGGGTGCAACCC
TCAAAGTATCATTTCTCTTTGGGTATCCGAAGAGGCTTATTATGGAAGATTTTGTGCAG
CAGCGATATCTCAGTTACAGGCGGGTGCCCTCACACCAATCCACCAGAATATGAATTCTCT
TGGGGTCCCCGAAGCAACCTGGAAATCAGCAAGATGGAAGTCTGGGGTTCGTGGCCAAA
CTGCATAAGAAGGAACCGCAGCACTGGCCAGTGCAGTACCGTGAGGCCCTAGCAGACGAG
GCCGACAGGGCCAGAGCCAAGGCCAGAGCTGAAGCCAGTATGAGGGCCAGGGCCAGTGCT
AGGGCCGGCATCCACCTCTGGTGA

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Clone variation with respect to NM_022149.4



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_022149 unedited
AATTGTAACGACTCCTATAGGCGGCCGCGNAATTCGCACGAGGTGGCCGGAAGTGGCCC
CTCGCGCGGGCGCGGACTGAGGCTGCGCGCCGACAGTTCCGGCTGCTGGCGGCGTTGCGG
CCGCAGGTTTACTCCCGTGCCTGCGGCCAGCAGCCACAAAGTCCCGCTGCCATTGC
TCCTTGTACTCCCGCGCTACTGCCGCTGTCAACCCCTCCCCGGGGCTTGGCGGGCGG
CTCCACACCCCTCGGCCGCTGTACGCGCTCTGCACCTGCCTGCCGAAAACATGTTGCA
GACACCAGAGAGCAGGGGGCTCCCGTCCCGCAGGCCGAGGGGGAGAAGGATGGCGGCCA
TGATGGTGAGACCGGGCCCGACCGCTCGCAGGAGCGCCCAAGGAGGAGCTTGGCGC
CGGAGGAGGAGGGGGCTGCGGAGCCCGCCCTACCCGAAAGCGCGAGGGCCTTGGC
GGCCAAAGCCTTGGCAAGGCGCAGGGCCTACCGCGGCTGAATCGGACGTTGGCGGAGTT
GGTGAGTTTCTCTGGTGAAAGACAAGAAGAGTCCCATCACACGCTCGGAGATGGT
GAAATACGTTATTGGAGACTTGAAGATTCTGTTCCCGACATCATCGAAGGGCCGCGAGA
CATCTGCGGTATGTCTTTTGGTTNTGAGCTGAAACAGTTTGACCGCAAGCACCACACTTA
CATCTGATCAACNACTAAAACCTCTGNGAGGAGAGGAGANGAANGATCTGGNNNNNNA
NAAATGCCCAAAAAGGGGGTCTGGTAGGAAAGAACCGGGGGCCCTATCATATTGAGAA
GTTATAGCGCCCGGAGCCCGAGTCTGGGAGATGCTCCTCCNTTTTGGGGGGGGAGC
AACCTCAAGTATCATCT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_022149 unedited
AATTACTGNNACCGCGGCCGCTTTCTAGNGATCGATTTTTTTTTTTTTTTTTTCCACAA
ATGTTTAATTTATTAAGTGTCAGGGTATACTGCTAACTCATTGCATTTTAATTTTTCT
CTAGATACTCAAATAGCTAAGCAAATGAAGGTACATGCCAGTCTTCTCTTTTATACAC
AACAGACAAAAGTGTGGGGGGCTAGACACCAACCAGCTATTTTTTCCCTGGAACCAG
ATCATCACTGCTGAGTTCTTCAAACCATCAAAGTACAGCCTTCCTTCCAATGTTGCA
TAATCTGTTCAAAATCACAGTATAAATACAAAGTCTTCCATCCATTTTACAAAACCAGC
AAAACCTCTACAATAAAATCCTACAGGAAAAAGTAGACCAATCTCATTTACAAACAGCATT
TTAACAGTAATTATTAATGTTACAAAACATAAGATACAAATCTAAATCCTTAAAGTCA
CACGATTTCTACAGAAATAAGACCCTCGCCCCACCCATATTACTTATGACTCAGGACAGT
AGTTGCTCCTCACGGNGACCCACTGGCCAACTTTTACCAACCCTCACCAGAGGTGGATG
CCCGCCCTAGCACTGGCCCTGGCCCTCATACTGGCTTCAGCTCTGGCCTTGGCTCTGGCC
CTGTGCGCCTCGTCTGCTAGGGCCTCACGGTACTGCACTGGCCAGTGTGCGGTTCTCTC
TTATGCAGTTTGGCCACGAACCCAGGACTTTTCACTTGTGCTGNATTTCCAGTTGCTTCGG
GGACCCCAAGAAATTATATTCTGGTGGATTGGTGTGAGGCACCGCCTGTACTGAGAATC
GCTGCTGCACAAATCTTCATAATAAGCCTTTCCGATACCCAAAAGGAATGAACCTTGAGG
TTTGACCCCAACGGAGCAGCATTTCCAAACCTGGGCTN

Restriction Sites:

NotI-NotI

ACCN:

NM_022149

Insert Size:

1750 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).

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_022149.4](#), [NP_071432.2](#)

RefSeq Size: 1700 bp

RefSeq ORF: 924 bp

Locus ID: 64110

UniProt ID: [Q9HAY2](#)

Cytogenetics: 3q27.1

Domains: MAGE

Gene Summary: This intronless gene encodes a member of the MAGE superfamily. It is ubiquitously expressed in normal tissues and in tumor cells. This gene includes a microsatellite repeat in the coding region. [provided by RefSeq, Jul 2008]