

Product datasheet for **SC320401**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_022149.4
 GCGTTGCGGCCGCGAGTTTGAAGTCCCGTGCCTGCGGCCAGCAGCCACAAAGCTCCCGC
 TGCCATTGCTCCTGTACTCCCGCGTCACTGCCGCTGTCCAACCCCTCCCCGGGGCTT
 GCGCGCGGCTCCACACCCCTCGGCCGTGTACGCGCTCTGCACCTGCCTGCCGAAAA
 CATGTTGAGACACAGAGAGCAGGGGGCTCCCGTCCCGCAGGCCGAGGGGAGAAAGGA
 TGGCGGCCATGATGGTGAGACCCGGGCCCGACCGCTCGCAGGAGCGCCCAAGGAGGA
 GCTTGGCGCCGGAGGAGGGGGCTGCGGAGCCCGCCCTACCCGGAAGGCGCGAG
 GGCTTGGCGGCCAAATCCTTGGCAAGGCGCAGGGCTACCGCCGCTGAATCGGACGGT
 GCGGAGTTGGTGAGTTCTCTGGTGAAAGACAAGAAGAAGAGTCCCATCACACGCTC
 GGAGATGGTAAATACGTTATTGGAGACTTGAAGATTCTGTTCCCGACATCATCGAAG
 GGCCGAGAGCATCTGCGGTATGTCTTTGGTTTTGAGCTGAAACAGTTTGACCGCAAGCA
 CCACACTTACATCTGATCAACAACTAAACCTCTGGAGGAGGAGGAGGAGGAGGA
 TCTGGGAGGAGATGGCCCCAGATTGGGTCTGTTAATGATGATCCTGGGCCTTATCTATAT
 GAGAGGTAATAGCGCCAGGAGGCCAGGTCTGGGAGATGCTGCGTCGGTTGGGGTGCA
 ACCCTCAAAGTATCATTTCTCTTTGGGTATCCGAAGAGGCTTATTATGGAAGATTTTGT
 GCAGCAGCATATCTCAGTTACAGGCGGGTGCCTCACACCAATCCACCAGCATATGAATT
 CTCTTGGGGTCCCCGAAGCAACCTGGAATCAGCAAGATGGAAGTCTGGGGTTCGTGGC
 CAAACTGCATAAGAAGGAACCGCAGCACTGGCCAGTGCAGTACCGTGAGGCCCTAGCAGA
 CGAGGCCGACAGGGCCAGAGCCAAGGCCAGAGCTGAAGCCAGTATGAGGGCCAGGGCCAG
 TGCTAGGGCCGGCATCCACCTCTGGTGAGGGTTGGTGAAGTTGGCCAGTGGGTCCCCG
 TGAGGACGAACACTGTCTGAGTCATAAGTAATATGGGTGGGGCGAGGGTCTTATTCT
 GTAGAAATCGTGTGACTTTAAGGATTTAGATTTTGTATCTTATGTTTTGTAACATTTAAT
 AATTACTGTTAAATGCTGTTTGTAAATGAGATTGGTCTACTTTTCTGTAGGATTTTA
 TTGTAGAGTTTTGCTGGTTTTGTAAATGGATGGAAGAACTTTGTATTTATACTGTGATT
 TTGAACAGATTATGCAACATTGGAAGGAAGGCTGTACTTTGATGGTTTGAAGAACTCAG
 CAGTATGATGATCTGGTCCAGGGGAAAAAATAGCTGGTTGGTGTCTAGCCCCCAACA
 CTTTTGTCTGTTGTATAAAAGAAGAAAGACTGGCATGTACCTTCATTTGCTTAGCTAT
 TTGAGTATCTAGAGAAAAATAAATGCAATGAGTTAGCAGTATACCCTGGCACACTTAA
 TAAATTAACATTTGTGGAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_022149

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_022149.4, NP_071432.2</u>
RefSeq Size:	1700 bp
RefSeq ORF:	924 bp
Locus ID:	64110
UniProt ID:	<u>Q9HAY2</u>
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]