

Product datasheet for **SC122709**

MAGEA8 (NM_005364) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MAGEA8 (NM_005364) Human Untagged Clone
Tag:	Tag Free
Symbol:	MAGEA8
Synonyms:	CT1.8; MAGE8
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_005364 edited
 GCGGGGATCAGAGAGAAGCGAGGGCCTGGTTCTGAGGGGTCGGCTTGAGATCGGCTGAGG
 GAAGCGGGCTCAGGGTCTGTGAGGAGGCAAGGTTTCGCAGAGAACAGGCCAGCCAGGAGGT
 CAGGAGGCCCCAGAGAAGCACTGAAGAAGACCTGCCTGTGGGTCTCAATTGCCAGCTCC
 GGCCACACTCTCCTGCTGCCCTGACCTGAGTCATCATGCTTCTTGGGCAGAAGAGTCAG
 CGCTACAAGGCTGAGGAAGGCCTTCAGGCCAAGGAGAGGCACCAGGGCTTATGGATGTG
 CAGATCCCACAGCTGAGGAGCAGAAGGCTGCATCCTCCTCCTACTCTGATCATGGGA
 ACCCTTGAGGAGTGACTGATTCTGGGTACCAAGTCCTCCCCAGAGCTCTGAGGGTGCC
 TCCTCTTCCCTGACTGTACCGACAGCACTCTGTGGAGCCAATCCGATGAGGGTCCAGC
 AGCAATGAAGAGGAGGGGCAAGCACCTCCCCGGACCCAGCTCACCTGGAGTCCCTGTTT
 CGGAAGCACTTGATGAGAAAGTGGCTGAGTTAGTTTCGTTTCTGCTCCGAAATATCAA
 ATTAAGGAGCCGGTCACAAAGGCAGAAATGCTTGAGAGTGCATCAAAAATTACAAGAAC
 CACTTTCCTGATATCTTACGAAAGCCTCTGAGTGCATGCAGGTGATCTTTGGCATTGAT
 GTGAAGGAAGTGGACCCTGCCGGCCACTCTACATCCTTGTACCTGCCTGGGCCTCTCC
 TATGATGGCCTGTGGGTGATGATCAGAGTACGCCAAGACCCGCTCCTGATAATCGTC
 CTGGGCATGATCTTAATGGAGGGCAGCCGCGCCCGGAGGAGGCAATCTGGGAAGCGTTG
 AGTGTGATGGGGCTGTATGATGGGAGGGAGCACAGTGTCTATTGGAAGCTCAGGAAGCTG
 CTCACCAAGAGTGGGTGCAGGAGAACTACCTGGAGTACCGCCAGGCGCCCGCAGTGTAT
 CCTGTGCGCTACGAGTTCCTGTGGGGTCCAAGGGCCCTTGTGAAACCAGCTATGTGAAA
 GTCCTGGAGCATGTGGTCAGGGTCAATGCAAGAGTTTCGATTTCCACCCATCCCTGCAT
 GAAGAGGCTTTGGGAGAGGAGAAAGGAGTTTGGCAGGAGTGCAGCTAGGGCCAGTGGG
 GCAGGTTGTGGGAGGGCCTGGGCCAGTGCACGTTCCAGGGCCACATCCACCACTTCCCT
 GCTCTGTTACATGAGGCCATTCTTCACTCTGTGTTTGAAGAGAGCAGTCACAGTTCTCA
 GTAGTGGGGAGCATGTTGGGTGTGAGGGAACACAGTGTGGACCATCTCTCAGTTCCTGTT
 CTATTGGCGATTGGAGGTTTATCTTTGTTTCTTTTGAATTGTTCCAATGTTCTTCT
 TAATGGATGGTGAATGAACTTCAACATTCATTTTATGTATGACAGTAGACAGACTTACT
 GCTTTTTATATAGTTTAGGAGTAAGAGTCTTGCTTTTCACTTATACTGGGAAACCCATGT
 TATTTCTGAATTCAGACACTACAAGAGCAGAGGATTAAGGTTTTTTAGAAATGTGAAA
 CAACATAGCAGTAAAATACATGAGATAAAGACATAAAGAAATTAACAATAGTTAATTCT
 TGCCTTACCTGTACCTCTTAGTGTACCCTATGTACCTGAATTTGCTTGGCTTCTTTGAGA
 ATGAAATTTGAATTAATATGAATAAATAAGTCCCCTGAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_005364 unedited
 NNAAGTACAAATTTTGAATACGACTCACTATAGGGCCGNNCCGCGATTCGGCAGGAGG
 GCGGGGATCAGAGAGAAGCGAGGGCCTGGTTCTGAGGGGTCGGCTTGAGATCGGCTGAGG
 GAAGCGGGCTCAGGGTCTGTGAGGAGGCAAGGTTTCGCAGAGAACAGGCCAGCCAGGAGGT
 CAGGAGGCCCCAGAGAAGCACTGAAGAAGACCTGCCTGTGGGTCTCAATTGCCAGCTCC
 GGCCACACTCTCCTGCTGCCCTGACCTGAGTCATCATGCTTCTTGGGCAGAAGAGTCAG
 CGCTACAAGGCTGAGGAAGGCCTTCAGGCCAAGGAGAGGCACCAGGGCTTATGGATGTG
 CAGATCCCACAGCTGAGGAGCAGAAGGCTGCATCCTCCTCCTACTCTGATCATGGGA
 ACCCTTGAGGAGGTGACTGATTCTGGGTACCAAGTCCTCCCCAGAGTCTGAGGGTGCC
 TCCTCTTCCCTGACTGTACCGACAGCACTCTGTGGAGCCAATCCGATGAGGGTCCAGC
 AGCAATGAAGAGGAGGGGCAAGCACCTCCCCGGACCCAGCTCACCTGGAGTCCCTGTTT
 CGGAAGCACTTGATGAGAAAGTGGCTGAGTTAGTTTCGTTTCTGCTCCGAAATATCAA
 ATTAAGGAGCCGGTCACAAAGGCAGAAATGCTTGAGAGTGCATCAAAAATTACAAGAAC
 CACTTTCCTGATATCTTACGAAAGCCTCTGAGTGCATGCAGGTGATCTTTGGCATTGAT
 GTGAAGGAAGTGGACCCTGCCGGCCACTCTACATCCTTGTACCTGCCTGGGCCTCTCC
 TATGATGGCCTGCTGGGTGATGATCAGAGTACGCCAAGACCCCTNCTGATAATCGTCC
 TGGCATGAT

Restriction Sites: Please inquire

ACCN:	NM_005364
Insert Size:	1843 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:	<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_005364.3 , NP_005355.2
RefSeq Size:	1833 bp
RefSeq ORF:	957 bp
Locus ID:	4107
UniProt ID:	P43361
Cytogenetics:	Xq28
Gene Summary:	<p>This gene is a member of the MAGEA gene family. The members of this family encode proteins with 50 to 80% sequence identity to each other. The promoters and first exons of the MAGEA genes show considerable variability, suggesting that the existence of this gene family enables the same function to be expressed under different transcriptional controls. The MAGEA genes are clustered at chromosomal location Xq28. They have been implicated in some hereditary disorders, such as dyskeratosis congenita. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Oct 2009]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 1. Variants 1, 2 and 3 all encode the same protein.</p>