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Product datasheet for SC320219

MAGEA9 (NM_005365) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MAGEA9 (NM_005365) Human Untagged Clone
Tag:	Tag Free
Symbol:	MAGEA9
Synonyms:	CT1.9; MAGE9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

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>OriGene sequence for NM_005365.4
CTGGGGGTCAGAGAGAAGGGAGAGGCCTCCTTCTGAGGGGCGGCTTGATACCGGTGGAGG
AGCTCCAGGAAGCAGGCAGGCCTTGGTCTGAGACAGTGTCCTCAGGTCGCAGAGCAGAGG
AGACCCAGGCAGTGTCAGCAGTGAAGGTTCTCGGGACAGGCTAACCAGGAGGACAGGAGC
CCCAAGAGGCCCCAGAGCAGCACTGACGAAGACCTGCCTGTGGGTCTCCATCGCCCAGCT
CCTGCCCACGCTCCTGACTGCTGCCCTGACCAGAGTCATCATGTCTCTCGAGCAGAGGAG
TCCGCACTGCAAGCCTGATGAAGACCTTGAAGCCCAAGGAGAGGACTTGGGCCTGATGGG
TGCACAGGAACCCACAGGCGAGGAGGAGGAGACTACCTCCTCCTCTGACAGCAAGGAGGA
GGAGGTGTCTGCTGCTGGGTCATCAAGTCCTCCCCAGAGTCCTCAGGGAGGCGCTTCCTC
CTCCATTTCCGTCTACTACACTTTATGGAGCCAATTCGATGAGGGCTCCAGCAGTCAAGA
AGAGGAAGAGCCAAGCTCCTCGGTCGACCCAGCTCAGCTGGAGTTCATGTTCCAAGAAGC
ACTGAAATTGAAGGTGGCTGAGTTGGTTCATTTCCTGCTCCACAAATATCGAGTCAAGGA
GCCGGTCACAAAGGCAGAAATGCTGGAGAGCGTCATCAAAAATTACAAGCGCTACTTTCC
TGTGATCTTCGGCAAAGCCTCCGAGTTCATGCAGGTGATCTTTGGCACTGATGTGAAGGA
GGTGGACCCCGCCGGCCACTCCTACATCCTTGTCACTGCTCTTGGCCTCTCGTGCGATAG
CATGCTGGGTGATGGTCATAGCATGCCCAAGGCCGCCCTCCTGATCATTGTCCTGGGTGT
GATCCTAACCAAAGACAACTGCGCCCCTGAAGAGGTTATCTGGGAAGCGTTGAGTGTGAT
GGGGGTGTATGTTGGGAAGGAGCACATGTTCTACGGGGAGCCCAGGAAGCTGCTCACCCA
AGATTGGGTGCAGGAAAACTACCTGGAGTACCGGCAGGTGCCCGGCAGTGATCCTGCGCA
CTACGAGTTCCTGTGGGGTTCCAAGGCCCACGCTGAAACCAGCTATGAGAAGGTCATAAA
TTATTTGGTCATGCTCAATGCAAGAGAGCCCATCTGCTACCCATCCCTTTATGAAGAGGT
TTTGGGAGAGGAGCAAGAGGGAGTCTGAGCACCAGCCGCAGCCGGGGCCAAAGTTTGTGG
GGTCAGGGCCCCATCCAGCAGCTGCCCTGCCCCATGTGACATGAGGCCCATTCTTCGCTC
TGTGTTTGAAGAGAGCAATCAGTGTTCTCAGTGGCAGTGGGTGGAAGTGAGCACACTGTA
TGTCATCTCTGGGTTCCTTGTCTATTGGGTGATTTGGAGATTTATCCTTGCTCCCTTTTG
GAATTGTTCAAATGTTCTTTTAATGGTCAGTTTAATGAACTTCACCATCGAAGTTAATGA
ATGACAGTAGTCACACATATTGCTGTTTATGTTATTTAGGAGTAAGATTCTTGCTTTTGA
GTCACATGGGGAAATCCCTGTTATTTTGTGAATTGGGACAAGATAACATAGCAGAGGAAT
TAATAATTTTTTTGAAACTTGAACTTAGCAGCAAAATAGAGCTCATAAAGAAATAGTGAA
ATGAAAATGTAGTTAATTCTTGCCTTATACCTCTTTCTCTCTCCTGTAAAATTAAAACAT
ATACATGTATACCTGGATTTGCTTGGCTTCTTTGAGCATGTAAGAGAAATAAAAATTGAA
AGAATAAAAAAAAAAAAAAAAAA
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Restriction Sites: Please inquire

ACCN: NM_005365

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:	NM_005365.4, NP_005356.1
RefSeq Size:	1824 bp
RefSeq ORF:	948 bp
Locus ID:	4108
UniProt ID:	P43362
Cytogenetics:	Xq28
Gene Summary:	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. [provided by RefSeq, Jul 2008]