

Product datasheet for **RR206620**

Magea11 (NM_001013962) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Magea11 (NM_001013962) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Magea11
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR206620 representing NM_001013962 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCACAGGCAGAAGCATGATCAAGCCTTGAGGGCCAGCTAGGAGAGGAGGTTCTGCAGCTAAAG
AGGTATCTGCTGCTGAGGAGTCCCAGGACACCTCCTCATCCTCTGCTCCGTCCTCAAGCCACTGCACCAAG
CAAAGCAAGTAAAGTTTCTGGTGATCAAGCAGCGGGAGGTCAAAGTACCTCAAAGCCTACCTATACTCC
AAGTTTTTCTCAACAGTAACCTTCAGAAGAAGTTACTGATTTGGTGAAGTTTCTGAGTTTCAAGTATA
TAACAAATGAGCCTGTACAGAAGCAGAAATTCAGAAGCATGTTGTTAAGGAGTACAAAGGCTACTATGC
ATTGATCTTCAGGCATGCCTGTGAATGCATGGAAGTGGTCTTTGGCATTGAGGTAAGGAAGTGGATTCC
TTGAATCACACTTACAAGCTCCTGAAAATCCTTGACCTCACTTATGATGGGCGCATCAGCAATGAAGAGG
GGATACCGAAGACCGCCTCCTGGTGCTGATCCTTGGTGAATCTTCATGGAAGGCAACCGTGCCTCTGA
GAAAAAGATCTGGGATGTGCTCAGTGTCTGGTATGTATCCTGACCGGCACGATTTTATATGCGGGGAT
CCCAGAAAGTTCATCACTGAAGATTTGGTGTAGAGAATTACCTGGTGTACCAGCCTATACCCAACAGTG
ATCCTACAAGCTATGAGTTCCTGTGGGGCCCAAGAGCCCAAGCTGAAACAAGCAAAATGAAAGTCTGCA
GTTTTTCTCCAAGTTGCTGGGAGTAGCCCTACTTCTTCACTGCTTTATATAAGGAAGCTCTGAAAGAT
GAAGAGGAGAGAGCCCGGCTCTCCTTGATCCACAGCCATATCTACTGTGCGGATAATTTGGTCTCTG
GGGAGAAGCCAGCAGTGTCTCCACCCTGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR206620 representing NM_001013962
 Red=Cloning site Green=Tags(s)

MSHRQKHQDQLEGQLGEEVPAAKEVSAAEESQDTSSSSASVQATAPSKASKVSGDQAAGGQSTSKAYLYS
 KFLLNSNLQKKVTDLVKFLSFKYITNEPVTEAEIQKHVVKEYKGYALIFRHACECMEVVFGEVKEVDS
 LNHTYKLLKILDLYDGRISNEEGIPKTGLLVLLGVIFMEGNRASEKKIWDVLSVVGMPDRHDFICGD
 PRKFITEDLVLENLVYQPIPNSDPTSIEFLWGPRAQAETSKMKVLQFFSKVAGSSPTSFTALYKEALKD
 EEERARALLASTAISTAADNLGSGEKPSVSHPE

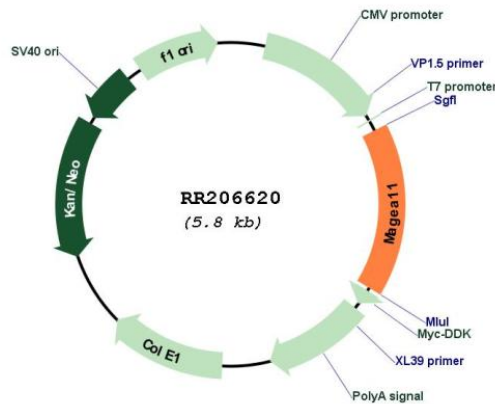
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001013962

ORF Size:	942 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001013962.1 , NP_001013984.1
RefSeq Size:	1693 bp
RefSeq ORF:	945 bp
Locus ID:	302845
Cytogenetics:	Xq36
MW:	34.7 kDa