

Product datasheet for **RR207209**

Magea4 (NM_001109550) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Magea4 (NM_001109550) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Magea4
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR207209 representing NM_001109550
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATAATCCCCATAACATCCTTCACTGCAACCTTCAAGGCAGTGCTCAGGGCCAAAGGGAATTAGACA
ATGCTCAGGCTCCAATGGTTATAGATGAGGAGGAAGTCACTCTCGCCTCAAGGAAGTGTGTGGTAGCGG
AATACCAAGTCTTCCCAGAGTCTCAGAGAGCTTCTCTCCCTCTGTGGCACTGGCCTCCATTCTGAA
GGCCCATCTGAGGAAGCTTCCACCAACCAAGTAGAAGACCTGGAAGACCCATTGCGTATGTTTTACAATG
CACTGAACATAAAGGTATATGACTTGGTGGACTTTCTGCTTTTCAAATACCAAATGAAGGCATTCCTAC
CAAAGCAGAAATGCTGGAAAGCATTGGTAGAGAGTATGATCAGTACTTCTCTGATTTTTAGTGAGGCC
TCTGAGTGCATGAAGTTGGTCTTTGGCATTGACATGATAGAAGTGGACCCATTTGCCACTCCTATATCC
TTGTCATTGCCCTGGGGATCACCTATGATGGGATGCTGACTGATGTTCAAGGCATGCCAAGACAGGTCT
CCTAATAGTTGTACTGGGTGTCATTTTCATGCAGGGAACTGTGTCAGTGAAGACATTATCTGGGAAATG
CTAAATAACATAGGGTTGTATGGTGAAGGGATGCTTACATACATCAAGACCCAGGAAGCTCATCTCTG
AGGAGTTTGTCCAGGAAGGTACCTGGAATACAGGCAGGTGCCTAATAGTGATCCTCATAGCTATCAGTT
CCTGTGGGGACCAAGGGCCTTTGTTGAAACCACCAAAATGAATGTCTTGAAGTTTTTGTAGCATTACT
AAGACCGATCCCAGAGCGTTCACTGAAAAATATGCAGAGGCTCTGAGAGATGAGATAGAGAGGGCCCAAG
CCTGGATTGCCAGGAGATAGCTCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

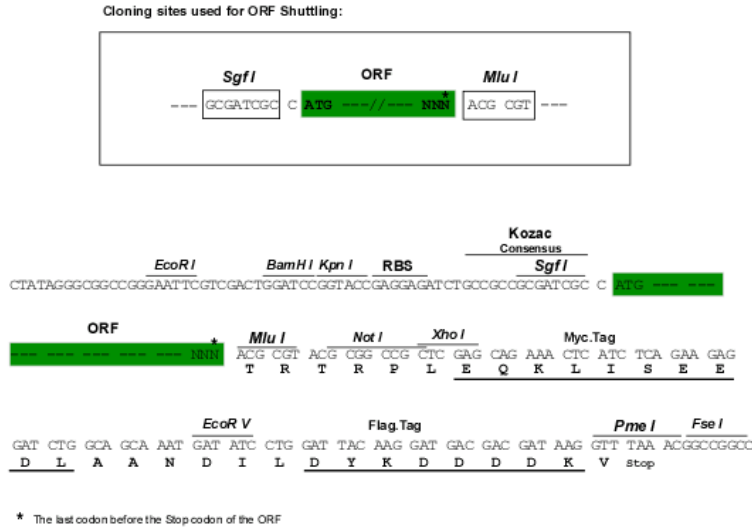
Protein Sequence: >RR207209 representing NM_001109550
Red=Cloning site Green=Tags(s)

MDPNPHILHCNLQGSAQGQRELDNAQAPMVIDEEVTLASRKVCGSGIPSLPQSPQRASSPSVALASIFE
 GPSEEASTNQVEDLEDPLRMFYNALNIKVYDLVDFLLFKYQMKAFTTKAEMLESIGREYDQYFSLIFSEA
 SECMKLVFGIDMIEVDPFVHSYILVIALGITYDGMMLTDVQGMPTGLLIVLVGVIFMQGNCVSEDIWEM
 LNNIGLYGGRDAYIHQDPRKLISEEFVQEGYLEYRQVPNSDPHSYQFLWGPRAFVETTKMNVLKFFASIT
 KTDPRAFTEKYAEALRDEIERAQAWIAQEIAL

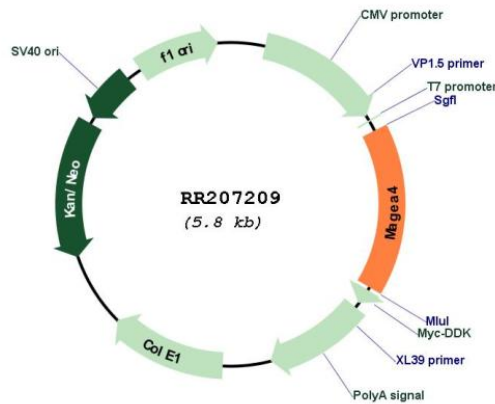
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001109550

ORF Size:	936 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_001109550.1 , NP_001103020.1
RefSeq Size:	945 bp
RefSeq ORF:	939 bp
Locus ID:	689858
Cytogenetics:	Xq37
MW:	35.2 kDa