

Product datasheet for **RN212286**

Magee1 (NM_001079891) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Magee1 (NM_001079891) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Magee1
Synonyms:	DAMAGE; RGD1560259
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF:

>RN212286 representing NM_001079891

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCGCTGGTAAGCCAGAATTCGCGCCGCCCGCGGTTGGAAGGGCCAATGGGCGCAAAAACAGCGGGA
 AGGGTCGCCCTGCTGCCGTGCCAGGGCCAGCCGTCCCCGGGATCGCAGCGATCCTCAGATCCTTACGGG
 CCTCGGGCCACTGAGGGCCCTGGCACCTCCGTGCTGCCACCCCCGGGGGGTCAAGCACCTCTGTG
 CCGCCACCGCTCAGAGGGCTCAAGCGCCCTGGGCAGCTCATCACCTCCGAGGGGCGGAACACCTCCC
 AGCTGCCACCTCCAGGAAGGGTCGGGGCACCCCGCCCTCTGCAGTCTCCGCGGGGTGAACGCTGC
 TCGTCAATCACCGCTCGGAGGGCGGAGTACCCAGTCTGCCACTGCTCCTAAGGGCTCAAAGGCC
 TCTGAGCATCTACTATCTCAGAAGGGGCGAGCATCTCCGAGCAGCCCAATCTCATGAGGGCCCTAACG
 TGCAGCCACCTGGGTGAGGGTTCGGGAACCTCGGTGCCGCCACCTTCTCCGAGGAATCTGGCATTTC
 CGAGCCGCTGCCCTCTGGTGGGGCTTGGAGCATCTCCGTGTCGCCACCATCTCGGAGGGAGCGGTATC
 AACGAGCCCTCCCCGCTAGTAAGGCTCCAAGCACTTCGGTGCCGCCACTGCCTTAATGGACTGGGCA
 TCAACTGCCGCCACCTCCAGTGGGGCTGAGCATCTCTGTGCTGTTCTCGGTTCCGGAGGAATCCGA
 CATCTCCGTGCCGCCCCCTCCGCTGAGGGACTCAGCACCTCCATGCCGCCCCCTCCGGTGGGTCCAG
 AGCACCTGGGTGCCGCCATTATCTTGGAGGGATGTAGCGTCAAGGTGCCGTCCACCTCCAGAAAAGGAC
 GGCGCACCCAGTGCATCAGCTGCCTGTGAGAGCCCCAGCCCCCAGCCGAGTGCCTGAGCACGTCCCT
 GTCATCCATTTCTGCTGAGGGCTTCTGCAGCTCGCTGGCGCCCTGCGCGGAGGGATCCGACACCTGTGAG
 CTGCTTCCCTGCGGGGAGGGCCCGAGCACCTCGGGCTGCATGACCTGGAGGAGGAGTGCAGCATCTCGC
 AGATGCCCTAGCTGCAGAGGGCCCTAGCGCTTCTGGTCTGTCATTGAAGATGAAAACCTGAGGAAG
 ATTGAGCTGTGGTCTTCTGTGGGCATGAACCTATGCAAGTGCACATCCCTTGCTCTGAAAAGGCTGAT
 GATCCGCTGTACGCCAAAGCGTGCAGAAGGTTCTTGATTTCCAGGTCTGAGAGACAGTGAGAATT
 CCAACTCCATTACCATTATGGGCTGGGCACCGCCACGTTGCTTTACCCTGAAGCCTCAGGATCCCAT
 GGAGCAAAATGTAGCAGAATTGTTGCAGTTTCTGCTACTGAAGGATCAGACCAAGTACCCTATCAAGGAA
 TCTGAAATGAGAGAATTCATTGTCCAAGAATATCGCAACCAGTCCCAGAGATCCTCAGACGAGCAGCGG
 CCCACCTGGAGTGCATCTTATGTTTGAAGTGAAGGAGTACCCCTGAGGAGCACACCTACATCCTGCT
 CAACAACTGGGACCAGTGCCCTTGAAGGTTAGAAGACATCCCAAATGGGCCAAAGATGGGCCTTTG
 ATGATGATTTCTGGACAGATTTTCTAAATGGCAACCAAGCCAGAGAAGCCGATATTTGGGAGATGCTCT
 GGAGATTCGGAGTGCAGGTGAAAGAAGGCTTTCTGTTTTGGGAACCCGAAGAGACTTCTGTCTGAGA
 GTTTGTGTGGCAGCGTACTTGGACTACAGGCCGATAACTGACTGTGTACCAGTCCGAGTATGAGTTTAC
 TGGGGCCACGATCCCACGTAGAAAACCAAGATGAAAATTCTGAAGTTCATGGCTAGGATCTATAACA
 AAGACCCATGGACTGGCCAGCAGTACAATGAAGCTCTGGAGGAAGAGGCTGAGCGAGATGTTCTTAA
 TAACTGGCGAGCTGTTCCCTCACTTTAGGAGGCCCTTTTTCAAGAAGTTTCTCCAGAACTACTGGCTTC
 GATTGAGTGTCTCTGGCTGTCCCTCAAAATATCTCCTCATTCTTGGCTGAGTCAAGGTTAGAGAGCA
 AGTCAAGGAAATGGTTCAGTTATTTCTGCTGATGGATTCAACTAAGCTGCCTATACCAAGAAGGGAAT
 CCTGATTACATTGGTCGAGAGTGTAGCAAAGTGTCCCTGACCTCCTGAATCGGGCTGCTCGCACCTA
 AACCCAGTGTATGGGACAGAGTGTGGTCTTGTATCCAGGAACCACTCTACACCTGTACAACCGAA
 GAGAAATGGAAGATATGGAAGAGATTATGGACAGTCCAAACAGGCCCGGCAACAATTTCTTAATGACGT
 TCTGAGTTTCTTCTAATGGCAACCATGCTAGGGAGTCTGCAGTCTGGGCTTTCTGAGGGGCTTG
 GGGTTTCAAAATGGGAGAAAGCATGTGATTACCTGTAGGTATTTGAGTACGCGCTACATAGACAGTTTGC
 GGGTCTGACAGTATCCGGTGCAGTATGATTTTGTATGGGCCCTAGAGCCCGCTGGAAACCTCCAA
 GATGAAAGCCCTGCGATATGTGGCCGAATCCACAGAAAGGAGCCACAGGACTGGCCAGACCAGTACAGG
 GAGGCGTTGGAAGATGAGCCAATAGAGCTGAAGCTGGGCGCCGACCCTGGTTGTCGTAACCTGCGAT
 AG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:	NM_001079891
Insert Size:	2802 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:	<u>NM_001079891.1</u> , <u>NP_001073360.1</u>
RefSeq Size:	3548 bp
RefSeq ORF:	2802 bp
Locus ID:	317232
UniProt ID:	<u>A1A5P9</u>
Cytogenetics:	Xq22
Gene Summary:	May enhance ubiquitin ligase activity of RING-type zinc finger-containing E3 ubiquitin-protein ligases. Proposed to act through recruitment and/or stabilization of the Ubl-conjugating enzyme (E2) at the E3:substrate complex (By similarity).[UniProtKB/Swiss-Prot Function]