

Product datasheet for **MC219036**

Mageb4 (NM_001033492) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mageb4 (NM_001033492) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mageb4
Synonyms:	CN716893; Mage-b4; mMage-b4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC219036 representing NM_001033492
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCAGGGGACAAAAGAGTAAGGCCCGTGCTCGTGAGAAGCGTCGCCTGGTCCAGGATGAGGCCCAGG
 AGCTCCAGGATGCTCAAGCCAAGGCAGGAGAGAAAAGGAAAGTCCCCTCCTGCTCTAATCAGGATTCTGG
 AGATGCTGTTGCAAGCACCTCTACTGCTGGCTTCCCTCAAAAAGTCTAAATCTCAAGGTGAGGCACCCACC
 ACCACTGCTAGGAAAGGTGGTGCCTGCAGAAGATCTCGTAAAAGTACCAGAGGTCCAAGGGAGGAAAAGTA
 CCAGTTGCACTAGGGTCCCCCGTTCAGTGAGAATCCACAGAATGATCTTCTAACAAGGAAGACAGGAAT
 GCTGATGCAGTACCTGCTGCAAGTACAAAATGAAACAGCCAGCATCTAAGGGAGAAAATGCTCAAAGTG
 ATCAACAGAAGGTTCAAGGAGCAGTTGCCTGAGATCCTCAAGAAAGCCTCTGAGCGCATTAGCTAGTTT
 TTGGTCTTGAGGTGAAAGAAATTAAGCCCAATGGTGGCTACTACACCCTTGTTAGCAAGTTAGATCCAG
 TGTCGGTAATGCTCTGACCACTAGCCTGCCATTTCCCAGAACGGGCTTTTGATGCCTCTTCTGGGTGTG
 ATCTTCTTAAATGGCAACCGTGCCTCTGAGGCAGAGATCTGGGAATTCCTTAATGTCTTGGGAATTTATG
 ATGGGAAGGTGCACATAATCTTTGGGGAGCCCCGGAAGCTCATCACAGAGATCTGGTTAAGGAAAAGTA
 CCTGGTATACAAAAGGAGGCCAACAGTGATCCCCATCCTTTGAGTTTCTTTGGGGTCCCCGAGCCTAT
 GCTGAAACTACCAAGATGAAAATCCTGGAGTTTTAGCCGAGGTCAATGAGACCGTTCTCAGGCCTTCC
 CAACCCATTATGAGGAGGCTTTGAGAGATCAGGAAGAGAGAGCCCAAGCCGAAGCTGTAGGCAGTCTGG
 CACTAGTGCCAAAGATAAGGCAGAGGCTAAAGTCACACTGGTTGACTCCTTTCGAAATATCAGGCTGAG
 TCTAAAGTCACACTAGTGGACTCTTCTTGTAAGATCAGGCTGAGTCTAAAGTCACACTTGTGACCCCT
 CTTGCAAAGATAATGCCAAGTCTAAGGTCACACTTGGCTCCTCTCGCAAATACAAGGCCAAGTCTAAAGT
 CCCACTGGTTGACTCCTTTCGAAAGATCAGGCTGAGTCTAAAGTCACACTTGTGGACTCTTTCGAAAGAT
 CAGGCTGAGTCTAAAGTCACACTAGTGGACTCTTCTTGTAAGATCAGGCTGAGTCTAAAGTCACACTAG
 TGGACTCTTCTTGTAAGATCAGGCTGAGTCTAAAGTCACACTTGTGACCCCTCTTTCGAAAGATAAGGC
 CAAGTCTAAGGTCACACTTGGCTCCTCTCACAATACAAGGCCAAGTCTAAAGTCACACTGGTTGACTCC
 TCTTGCAAAGATCAGGCTGAGTCTAAAGTCACACTAGTGGACTCTTCTTGTAAGATCAGGCTGAGTCTA
 AAGTCACACTTGTGACCCCTCTTTCGAAAGATAATGCCAAGTCTAAGGTCACACTTGGCTCCTCTCGCAA
 ATACAAGGCCAAGTCTAAAGTCCCCTGGTTGACTCCTCTGAAAAGATAAGGCAGCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001033492

Insert Size: 1671 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:

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_001033492.2](#), [NP_001028664.2](#)

RefSeq Size: 2401 bp

RefSeq ORF: 1671 bp

Locus ID: 434903

UniProt ID: [A2A9R3](#)

Cytogenetics: X C1