

Product datasheet for **MC216945**

Aebp2 (NM_001005605) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Aebp2 (NM_001005605) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Aebp2
Synonyms:	AU023766; B230313N05Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216945 representing NM_001005605
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCGCGCGCTCGCCGACATGGCCGACCTGGAGGAGCTCTCCCGCTCAGCCCGCTGTCCCCGGCA
 GCCCGGGCCCGCGCGCGCGGGCCGAGCCGCGGAGGAAGAGGAGGAGGATGACGAGGAGGC
 GGAGGCAGAGGGGTGGCCGCGCTGCTGTTGAACGGGGAGCGGGCGGGCGGGGGCGCGAGGGCG
 GAGACCATGTCGGAGCCGAGCCCGAGAGCGCCAGCCAGGCGGGCGGGGACGAGGACGAGGACGAGGAGG
 ACGACGAGGACGAGGGCAGCAGCAGCGCGCGGGAGGAGGAGCAGCGCCGAGAGCCTGGTGGGCGAG
 CAGCAGCGGGCTGCAGCGGACGAGACGCGCTCGCTGAGCCCGGGCGGGGAGCAGCAGCAGCGGC
 GATGGGGACGGGAAGGAGGGCTGGAGGAGCCAAAGGACCGGGGGCGGGCCGGCGGGCCGGGACGCA
 GCGGTGGCGGTAGCAGCAGCAGTAGCGTGGTGTGAGCGGGCGGACGAGGGCTACGGCACCGGGGAGG
 CGGGAGCAGCGACCTCCGGGGCCGGCGGGGACGCTGGAGATGTCGTCGACGGGGAGCCGCTGAGC
 CGCATGGACTCGGAGGACAGCATAAGCAGTACGCTAATGGACATAGACAGCAATTTCCAGTGGAGCCT
 CAACCCGGCCATGATGAATGGACAGGGGAGCAGGACTGCTTCAAGCAAACACATTGCCTATAACTGTTG
 CTGGGACCACTGCCAGGCATGCTTCACTCCAGCCAGACCTGGCAGACCACATTCGCTCCATACATGTC
 GATGGTACGCGTGGAGGGGTGTTGCTTTGCTTGTGAAAGGTTGCAAGGTGTATAACACCCCGTCAACCA
 GTCAGAGTTGGCTACAGCGGCACATGCTGACACACAGTGGAGACAAGCCTTTCAAGTGTGTAGTTGGTGG
 CTGCAATGCCAGCTTTGCTTCTCAGGGAGGGCTAGCTCGCCATGTACCCACACACTTCAGTCAGCAGAAC
 TCCTCAAAAGTTTCTAGCCAGCCAAAGGCCAAAGAAGAATCTCCTTCTAAAGCTGGAATGAACAAGCGGA
 GGAAACTAAAGAACAAAAGACGGCGCTCATTACCGGGCCACACGATTTCTCGATGCACAAACACTGGA
 TGCCATAAGACATCGAGCCATCTGCTTTAACCTCTCTGCTCACATAGAAAGTCTAGGGAAGGGACACAGT
 GTTGTTCACAGTACTGTAATAGCGAAGAGAAAGGAGGAATCTGAAAAGATAAAGCTTTTGTTCATT
 GGATGCCGGAAGACATTCTGCCAGATGTATGGGTGAATGAGAGTGAACGACATCAGTTAAAAACGAAAGT
 AGTTTCAATTAAGCTACCAAAAGTACTGCCTTGTGTTGGACCCAAACATTTACAGAACAATGCC
 CAGAAGAGGTTGAAGAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001005605

Insert Size: 1491 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_001005605.2](#), [NP_001005605.1](#)

RefSeq Size: 6379 bp

RefSeq ORF: 1491 bp

Locus ID: 11569

UniProt ID: [Q9Z248](#)

Cytogenetics: 6 G2

Gene Summary: May interact with and stimulate the activity of the PRC2 complex, which methylates 'Lys-9' and 'Lys-27' residues of histone H3 (By similarity). DNA-binding transcriptional repressor. [UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.