

Product datasheet for **MC208114**

Aebp2 (NM_009637) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Aebp2 (NM_009637) 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



[View online »](#)

Fully Sequenced ORF: >MC208114 representing NM_009637
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCGCGCGCTCGCCGACATGGCCGACCTGGAGGAGCTCTCCCGCTCAGCCCGCTGTCCCCGGCA
 GCCCGGGCCCGCGCGCGCGGCCGGCCGAGCCGCGGAGGAAGAGGAGGAGGATGACGAGGAGGC
 GGAGGCAGAGGCGGTGGCCGCGCTGCTGTTGAACGGGGAGCGGGCGGGCGGGGGCGCGAGGGCG
 GAGACCATGTCGGAGCCGAGCCCGAGAGCGCCAGCCAGGCGGGCGGGGACGAGGACGAGGACGAGGAGG
 ACGACGAGGACGAGGGCAGCAGCAGCGCGCGCGGAGGAGGAGCAGCGCCGAGACCTGGTGGGCGAG
 CAGCAGCGGGCTGCAGCGCGACGAGACCGCTCGCTGAGCCCGGGCGGGGAGCAGCAGCAGCGGC
 GATGGGGACGGGAAGGAGGGCTGGAGGAGCCAAAGGACCGGGGGCGGCCCGGGCGGCCCGGACGA
 GCGGTGGCGGTAGCAGCAGCAGTAGCGTGGTGTGAGCGCGGGCAGGAGGCTACGGCACCGGGGAGG
 CGGGAGCAGCGACCTCCGGGGCCGGCGGGGACGCTGGAGATGTCGTCGACGGGGAGCCGCTGAGC
 CGCATGGACTCGGAGGACAGCATAAGCAGTACGCTAATGGACATAGACAGCAAAATTTCCAGTGGACGCT
 CAACCCCGGCCATGATGAATGGACAGGGGAGCAGGACTGCTTCAAGCAAAACATTGCCTATAACTGTTG
 CTGGGACCACTGCCAGGCATGCTTCACTCCAGCCAGACCTGGCAGACCACATTCGCTCCATACATGTC
 GATGGTACGCGTGGAGGGGTGTTGCTTTGCTTGTGAAAGGTTGCAAGGTGTATAACACCCCGTCAACCA
 GTCAGAGTTGGCTACAGCGGCACATGCTGACACACAGTGGAGACAAGCCTTTCAAGTGTGTAGTTGGTGG
 CTGCAATGCCAGCTTTGCTTCTCAGGGAGGGCTAGCTCGCCATGTACCCACACACTTCAGTCAGCAGAAC
 TCCTCAAAGTTTCTAGCCAGCCAAAGGCCAAAGAAGAATCTCCTTCTAAAGCTGGAATGAACAAGCGGA
 GGAAACTAAAGAACAAAAGACGGCGCTCATTACCGGGCCACACGATTTCTCGATGCACAAACACTGGA
 TGCCATAAGACATCGAGCCATCTGCTTTAACCTCTCTGCTCACATAGAAAGTCTAGGGAAGGGACACAGT
 GTTGTTCACAGTACTGTAATAGCGAAGAGAAAGGAGGAATCTGAAAAGATAAAGCTTTTGTTCATT
 GGATGCCGGAAGACATTCTGCCAGATGTATGGGTGAATGAGAGTGAACGACATCAGTTAAAAACGAAAGT
 AGTTCATTTATCAAAGCTACCCAAAGATACTGCCTTGCTTGGACCCAAACATTTACAGAACAATGCCG
 CAGAAGAGGTTGAAGAGATTTGACATCTCAATTTCCAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_009637

Insert Size: 1515 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_009637.4](#), [NP_033767.2](#)

RefSeq Size: 2762 bp

RefSeq ORF: 1515 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 (3) uses an alternate splice site in the 3' coding region and includes an alternate 3' terminal exon, compared to variant 1. It encodes isoform 3 which is longer and has a distinct C-terminus compared to 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.