

Product datasheet for SC318921

AEBP2 (NM_00114176) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	AEBP2 (NM_00114176) Human Untagged Clone
Tag:	Tag Free
Symbol:	AEBP2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_00114176, the custom clone sequence may differ by one or more nucleotides

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ATGGCCCGCTATCACCGACATGGCCGACCTGGAGGAGCTCTCCCGCTGAGCCCTCTG
CCCCCGCAGCCCGGGTTCGGCGGCGCGGGGCCGGGCTGAGCCCCCGAGGAGGAGGAG
GAAGAGGAGGAGGAGGAAGAGGAGGCGGAGGCCGAGGCGGTGGCGGCGCTGCTGTAAC
GGCGGACGCGGTGGGGCGGCGGAGGCGGCGGCGGAGGAGTGGGGGGCGGCGAGGAGAG
ACGATGTCGGAGCCGAGCCCCGAGAGCGCCAGCCAGGCCGGGAGGACGAAGACGAGGAG
GAGGACGACGAGGAGGAGGAAGATGAGAGCAGCAGCAGCGGCGGGGTGAGGAGGAGAGT
AGCCCGGAGAGCCTGGTGGGACGAGCGGCGGGAGCAGCAGCGACGAGACCCGCTCGTTG
AGCCCCGGCGCCCGCAGCAGCAGCAGCGGGGATGGGACGGCAAGGAGGGCTGGAGGAG
CCCAAGGACCCGCGGGGACAGCAGCGGGGCGGCGGGGGCGGACGAGTGCAGCAGCGTA
GTCTCCAGCGGCGGCGACGAGGGCTACGGGACTGGGGGAGGCGGAAGCAGCGACCTCC
GGGGCCGGCGGCGAGCTTGGAGATGTCGTCGGATGGGGAACCCTGAGCCGCATGGAC
TCGGAGGACAGCATAAGCAGTACTATAATGGATGTAGACAGCACAATTTCCAGTGGGCGT
TCAACTCCAGCAATGATGAATGGACAAGGAAGCACTACTTCTTCAAGCAAAAATATTGCC
TATAATTGTTGTTGGGACCAGTCCAGGCTTGCTTCAACTCTAGCCAGATCTGGCAGAT
CACATCCGTTCCATACATGTAGATGGTCAGCGAGGAGGGTATTTGTTTGCTTATGGAAA
GGTTGTAAGTATATAAACTCCATCTACCAGTCAAAGTTGGTTACAAAGGCATATGCTG
ACACACAGTGGAGACAAACCTTTCAAGTGTGTTGTTGGTGGCTGCAATGCCAGCTTGGCT
TCTCAGGAGGGCTAGCTCGTCATGTACCACACACTTCAGTCAGCAGAACTCCTCAAAA
GTTTCTAGCCAGCAAAGGCCAAAGAAGTCTCCTTCTAAAGCTGGAATGAACAAAAGG
AGGAAATTAAGAACAAAAGACGACGCTCATTACCACGGCCACATGATTTCTTCGATGCA
CAAACACTGGATGCGATAAGACATCGAGCCATATGCTTTAACCTCTCAGCTCATATAGAA
AGTTTAGGGAAGGACACAGTGTGTTTTTCATAGTACTGTAATAGCTAAGAGAAAAGAA
GATTCGGGAAGATCAAACCTTTGCTTCATTGGATGCCTGAAGACATTCTGCCTGATGTG
TGGGTGAATGAAAGTGAACGACATCAGTTAAAACTAAAGTAGTTCAATTTATCAAAGCTA
CCCAAAGATACTGCCTTGCTTTTGGACCCAAACATATACAGAACAATGCCGAGAAGAGG
TTGAAGAGAACTCTGATAAGAAAAGTGTCAATTTGTATTTAAGCAAACAG

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Restriction Sites:	Please inquire
ACCN:	NM_001114176
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_001114176.1</u> , <u>NP_001107648.1</u>
RefSeq Size:	5099 bp
RefSeq ORF:	1554 bp
Locus ID:	121536
UniProt ID:	<u>Q6ZN18</u>
Cytogenetics:	12p12.3
Gene Summary:	<p>DNA-binding transcriptional repressor. May interact with and stimulate the activity of the PRC2 complex, which methylates 'Lys-9' and 'Lys-27' residues of histone H3.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks a segment in the 3' coding region, compared to variant 1, which results in a protein (isoform B) with a longer and distinct C-terminus, compared to isoform A.</p>