

Product datasheet for **MC206215**

Aebp1 (BC082577) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Aebp1 (BC082577) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Aebp1
Synonyms:	ACLP
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>BC082577
 ACGCGGGGCAGGAGCGCCAGTGTGCTGCCGGAGCTGGGCCGCCAGAACCTCTCCTGGAGCCCTTGCTC
 TCCTTGAATCTCCCTTTCCACCGCTTTCTGGATACCCTTGACGCCACGTTCTCGCGCCCTTTCCCGC
 CCTACGCGGGGCGCTGCCCTGCCACCCAAGTCCCTGCTCAAGCCCGCCGGCTCCCGCGCGTGCCAG
 AGCCATGGCTCCAGTGGCACCAGCATCCCTGCTCTGCCGGCTCCTGGCACTGCTGACGCTGTGCCCTGAG
 GGGAAACCACAGACGGTGTGACGGACGACGAGATCGAGGAGTTCCTCGAAGGCTTCTTTTCGGAGTTGG
 AGACCCAGTCCCCGCCCGGGAAGACGACGTGGAAGTCCAGCCGCTTCCCGAACCCACCCAGCGTCCCCG
 CAAATCCAAGGCAGGGGGCAAGCAGCGGGCAGATGTAGAAGTCCCTCCAGAAAAAACAAGACAAAGAG
 AAGAAAGGAAAGAACGACAAAGGCCCAAGCCACAAAACCCCTGGAGGGCTCTACCAGGCCACCAAGA
 AACCAAAGGAGAAGCCACCCAAGGCCACCAAGAAGCCCAAGGAGAACCACCCAAGGCCACCAAGAAGCC
 CAAGGAGAAGCCACCCAAGGCCACCAAGAAGCCTAAGGAGAAGCCACCCAAGGCCACTAAGAGGCCCTCG
 GCAGGAAAAGAAGTTCTCAACTGTGGCCCTTGGAAACGCTGGATCGGTTACTCCCTCACCTCCAACC
 CCAGCGCCAGGAGCTACCGCAGAAGAGAGACACCCCTTCCCAAATGCCTGGCAAGGTCAAGGAGAAGA
 GACCCAGGTGGAGGCCAAGCAGCCCGGCCAGAGCCAGAGGAGGAGACTGAGATGCCACACTGGACTAC
 AATGACCAGATAGAGAAGGAGGATTACGAGGATTTTGAGTACATCCGTCGCCAGAAGCAGCCAGGCCAA
 CACCCAGCAGGAGGAGGCTCTGGCCAGAGCGCCCTGAGGAGAAGACTGAAGAGCCAGAGGAAAGGAAGGA
 AGTTCGAGCCACCTCTGAAGCCCTGCTGCCTCCGACTATGGGGATAGCTACGTGATCCCCAACTATGAT
 GACTTGGACTATTATTTCCCCACCCTCCACCCGAGAAGCCTGATGTTGGACAAGAGGTGGATGAGGAAA
 AGGAAGAGATGAAGAAGCCAAAAAGGAGGGTAGTAGCCCAAGGAGGACACAGAGGACAAGTGGACCGT
 GGAGAAAAACAAGGACCACAAAGGGCCCGGAAGGGTGAAGGAGCTGGAGGAGGAGTGGGGCCAGTGGAG
 AAAATCAAGTGCCACCTATTGGGATGGAGTACACCCGATTGAGGACAACCAGATCCGTGCCTCTCCCA
 TGCTGCGCCACGGCTCGGAGCCAGCGGGGCCGGCTCAACATGCAGGCTGGTGCCTAAGAGTACTACTA
 CTATGACGGGCATGGTGTGCTGAGGACGAGTCGACAGCCAGTGGATCGAGGTGGACACCCGAAGGACA
 ACTCGTTACGGGCGTCATCACTCAGGGCCGTGACTCCAGCATCCATGACGACTTCGTGACTACCTTCT
 TTGTGGGCTTCAGCAATGACAGCCAGACCTGGGTGATGTACCAATGGTACGAGGAAATGACCTTCTA
 TGGAAATGTGACAAGGACACACCTGTGCTGAGCGAGCTCCCTGAGCCAGTTGTGGCCCGTTTCATCCGC
 ATCTATCCACTACCTGGAACGGTAGCCTGTGCATGCGCCTGGAGGTGCTAGGCTGCCCCGTGACCCCTG



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TCTACAGCTACTACGCACAGAATGAGGTGGTAACTACTGACAGCCTGGACTTCCGGCACCACAGCTACAA
 GGACATGCGCCAGCTGATGAAGGCTGTCAATGAGGAGTGCCCCACAATCACTCGCACATACAGCCTGGG
 AAGAGTTCACGAGGGCTCAAGATCTACGCAATGGAAATCTCAGACAACCCCTGGGGATCATGAACTGGGG
 AGCCCCAGTTCGGCTACACAGCCGGGATCCACGGCAATGAGGTGCTAGGCCGAGAGCTCCTGCTCCTGCT
 CATGCAATACCTATGCCAGGAGTACCGCGATGGGAACCCGAGAGTGCGCAACCTGGTGCAGGACACACGC
 ATCCACCTGGTGCCCTCGCTGAACCTGATGGCTATGAGGTGGCAGCGCAGATGGGCTCAGAGTTTGGGA
 ACTGGGCACTGGGGCTGTGGACTGAGGAGGGCTTTGACATCTTCGAGGACTTCCCAGATCTCAACTCTGT
 GCTCTGGGCAGCTGAGGAGAAGAAATGGGTCCCTACAGGGTCCCAAACAATAACTTGCCAATCCCTGAA
 CGTTACCTGTCCCGAGATGCCACGGTCTCCACAGAAGTCCGGGCCATTATTTCTGGATGGAGAAGAACC
 CCTTTGTGCTGGGTGCAAATCTGAACGGTGGTGAAGCGGCTTGTGTCTTATCCCTATGACATGGCCCGGAC
 ACCTAGCCAGGAGCAGCTGTTGGCCGAGGCACTGGCAGCTGCCCGCGGAGAAGATGATGACGGGGTGTCT
 GAGGCCAGGAGACTCCAGATCACGCTATTTCCGCTGGCTGGCCATCTCATTTCCTCCGCCATCTCA
 CCATGACGGAGCCCTACCGGGAGGGTCCAGGCCAGGACTACACCAGCGGCATGGGCATTGTCAACGG
 GGCAAGTGAATCCTCGCTCTGGGACTTCAATGACTTTAGCTACCTGCACACAACTGTCTGGAGCTC
 TCCGTATACCTGGGCTGTGACAAGTTCACCCACGAGAGTGAGCTACCCCGAGAATGGGAGAACAACAAAG
 AAGCGCTGCTCACCTTATGAGCAGGTGCACCGTGGCATTAAAGGTGTGGTGACAGATGAGCAAGGCAT
 CCCCATTGCCAATGCCACCATCTCTGTGAGTGGCATCAACCATGGTGTGAAGACAGCAAGTGGAGGTGAC
 TACTGGCGCATTCTGAACCCGGGTGAGTACCGTGTGACAGCTCACGCAGAGGGCTACACCTCAAGTGCCA
 AGATCTGCAATGTGGACTACGATATTGGGGCCACTCAGTGCAACTTCATCCTGGCTCGATCCAACCTGGAA
 GCGCATTCCGGGAGATCTTGGCTATGAACGGGAACCGTCCCATTCTCCGAGTTGACCCCTCACGACCCATG
 ACCCCCCAGCAGCGGCGCATGCAGCAGCGCCGTCTACAGTACCGGCTCCGCATGAGGGAACAGATGCGAC
 TGCGTCGCCTCAATTCTACCGCAGGCCCTGCCACAAGCCCCACTCTGCCCTTATGCCTCCCCCTTCCCC
 TACACCAGCCATTACCTTGAGGCCCTGGGAAGTTCTACCCACTACCACTGCAGGCTGGGAGGAGTACAG
 ACTGAGACCTATACAGAAGTAGTGACAGAGTTTGAGACAGAGTATGGGACTGACCTAGAGGTGGAAGAGA
 TAGAGGAGGAGGAGGAGGAGGAGGAGGAAGAGATGGACACAGGCCTTACATTTCCACTCACAAACAGTGA
 GACCTACACAGTGAACCTTTGGGACTTCTGAGACTGGGATCTCAAAGCCCTGCCCAATCAAACCTAAGGC
 AGCACCTCCCAAGCCTGTGCCAGCAGACACATAGCCATCAGATGTCCCTGGGTGGACCCCACTCCCCAG
 TGTGGGACATCAAAGCTACCGGACTCTGCATAGACTCTGGTCTACCCGCCCCAGCTCTACCTGCCAGCC
 TTTGGGAGGGGCAGGCAAGGAAGCCAACGTCACATCAATAAAACAAGCTCATGACACCACCAAAAAACA
 AAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** Ascl-NotI
- ACCN:** BC082577
- Insert Size:** 3387 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: [BC082577](#), [AAH82577](#)
RefSeq Size: 3869 bp
RefSeq ORF: 3387 bp
Locus ID: 11568
Cytogenetics: 11 A1
Gene Summary: Isoform 1: As a positive regulator of collagen fibrillogenesis, it is probably involved in the organization and remodeling of the extracellular matrix.[UniProtKB/Swiss-Prot Function]