

## Product datasheet for **SC110852**

### CEBPD (NM\_005195) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** CEBPD (NM\_005195) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** CEBPD  
**Synonyms:** C/EBP-delta; CELF; CRP3; NF-IL6-beta  
**Mammalian Cell Selection:** None  
**Vector:** pCMV6-XL4  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_005195 edited  
 GAATTCGGCACCAGTGGACGCAGAGCCCGGCCGACGCCCATGAGCGCCGCGCTCTTC  
 AGCCTGGACGGCCCGCGCGCGCCCTGGCCTGCGGAGCCTGCGCCCTTCTACGAA  
 CCGGGCCGGGCGGCAAGCCGGGCCGCGGGCCGAGCCAGGGGCCCTAGCGGAGCCAGGC  
 GCCGCCGCCCCGCCATGTACGACGACGAGAGCGCCATCGACTTCAGCGCCTACATCGAC  
 TCCATGGCCGCGCTGCCACCCTGGAGCTGTGCCACGACGAGCTTTCGCCGACCTCTTC  
 AACAGCAATCACAAGGCGGGCGCGCGGGCCCTGGAGCTTCTCCCGCGGCCCGCGG  
 CGCCCCTTGGGCCGGGCCCTGCCGCTCCCGCCTGCTCAAGCGCGAGCCCGACTGGGGC  
 GACGGCGACGCGCCCGGCTCGTGTGGCCGCGCAGGTGGCCGCGTGCGCACAGACCGTG  
 GTGAGCTTGGCGCCGCGAGGCGAGCCACCCCGCCACGTGCGCGGAGCCCGCGCGCAGC  
 AGCCCCAGGCAGACCCCGCGCCCGGCCCGCCGGGAGAAGAGCGCCGCAAGAGGGGC  
 CCGGACC GCGGCAGCCCGAGTACCGGCAGCGGCGGAGCGCAACAACATCGCCGTGCGC  
 AAGAGCCGCGACAAGGCCAAGCGCGCAACCAGGAGATGCAAGCAGAAGTTGGTGGAGCTG  
 TCGGCTGAGAACGAGAAGCTGCACCAGCGCGTGGAGCAGCTCACGCGGGACCTGGCCGGC  
 CTCCGGCAGTTCTTCAAGCAGCTGCCAGCCCGCCCTTCTGCCGGCCCGCGGGACAGCA  
 GACTGCCGTAACGCGCGGCCGGGGCGGGAGAGACTCAGCAACGACCCATACCTCAGACC  
 CGACGGCCCGGAGCGGAGCGGCCCTGCCCTGGCGCAGCCAGAGCCCGCGGTGCCCGCT  
 GCAGTTTCTTGGGACATAGGAGCGCAAAGAAGCTACAGCCTGGACTTACCACCACTAAAC  
 TGCGAGAGAAGCTAAACGTGTTTTATTTTCCCTTAATTTATTTTGTAAATGGTAGCTTTT  
 CTACATCTTACTCTGTTGATGCAGCTAAGGTACATTTGTAAGAAAGAAAAAACCAGAC  
 TTTTCAGACAAACCCCTTTGTATTGTAGATAAGAGGAAAAGACTGAGCATGCTCACTTTT  
 TATATTAATTTTACAGTATTTGTAAGAATAAAGCAGCATTTGAAATCGCAAAAAAAAAA  
 AAAAAAAAAAAAAAAAAAAAAAAAAAACTCGAC



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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_005195 unedited  
 TTCGGATTTTGTAAATACGATTTACTATAGGGCTGGCCGCGATTTCGGCACCAGTGGACGCA  
 TAGCCCGGCCGACGCCGCCATGAGCGCCGCGCTTTCAGCCTGGACGGCCCGGCGCGCG  
 GCGCGCCTGGCTGCGGAGCCTGCGCCCTTCTACGAACCGGGCCGGGCGGGCAAGCCGG  
 GCCCGGGGGCCGAGCCAGGGGCCCTAGGCGAGCCAGGCGCCGCCGCCCGCCATGTACG  
 ACGACGAGAGCGCCATCGACTTCAGCGCTACATCGACTCCATGGCCGCGTGGCCACCC  
 TGGAGCTGTGCCACGACGAGCTTTCGCCGACCTTTCAACAGCAATCACAAAGCGGGCG  
 GCGCGGGGCCCTGGAGCTTCTCCCGCGGCCCGCGCGCCCTTGGGCCCGGGCCCTG  
 CCGCTCCCGCCTGCTCAAGCGCGAGCCGACTGGGGCGACGGGACGCGCCCGCTCGC  
 TGTGCCCCGCGCAGTGGCCGCTGCGCACAGACCGTGGTGGAGCTTGGCGGCCGAGGGC  
 AGCCACCCCGCCACGTCGCCGAGCCGCGCGCAGCAGCCCGAGCAGCCCGCCGCGC  
 CCGGCCCGCCCGGAGAAGAGCGCCGGAAGAGGGGCCCGACCGCGCAGCCCGAGT  
 ACCGGCAGCGCGGAGCGCAACAACATCGCCGTGCGCAAGAGCCGCGACAAGGCCAAGC  
 GGCACAACCAGNAGATGCAGCANAAGTTGGTGGAGCTGTCGGCTGAGACGAGAAGCTGCC  
 CAGCGCTGGAGCAGCTACGCGGGACCTGGCCGCGCTNCNGCAGTTCTTTCAGCAGCTG  
 CCCAGCCCGCCCTTCTCGCGGCCGCGGGACAGCAAACCTTGCCGTAACGCGCGGCCCG  
 GCGGGAGAGACTCNCAACGACCCTTACCTCAGACCCCGCCGGCCGAGCGGAGCGG

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_005195 unedited  
 NNAATTCACTGNACCGCCGCTATCTANGATCGAGTTTTTTTTTTTTTTTTTTTTTTTTTT  
 TTTTTTTTTTTGCGATTTCAAATGCTGCTTTATTCTTACAATACTGTAATAAATATAT  
 AAAAAAGTGAGCATGCTCAGTCTTTTCTTATCTACAATAAAAGGGTTTGTCTGAAA  
 AGTCTGGTTTTTTTTCTTTTACAAATGTACCTTAGCTGCATCAACAGGAGTAAGATGTA  
 GAAAAAGCTACCATTAACAAAATAATTTAAGGGAAAATAAACACGTTTAGCTTCTCTCGC  
 AGTTTAATGGTGGTAAGTCCAGGCTGTAGCTTCTTTGCGCTCCTATGTCCAAGAAACTG  
 CAGCGGGCACCCGGCGGCTCTGGCTGCGCCAGGGCAGGGCGCGCTCCGCTCCGGGCCGTC  
 GGGTCTGAGGTATGGGTGCTGAGTCTCTCCCGCCCGCGCGCGTTACCGGCAGT  
 CTGCTGTCCCGCGCGCCGAGGAAGGGCGGGCTGGGCAGCTGCTGAAGAACTGCCGGA  
 GGCCGGCCAGGTCCCGCTGAGCTGCTCCACGCGCTGGTGCAGCTTCTCGTTCTCAGCCG  
 ACAGCTCCACCAACTTCTGCTGCATCTCTGGTTGCGCCGCTTGGCCTTGTGCGGCTCT  
 TGCGCACGGCGATGTTGTTGCGCTCGCGCCGCTGCCGGTACTCGGGGCTGCCCGGGTCTG  
 GGCCCTCTTGGCGCGCTCTTCTCCCGCGGNGCCCGCGCGGNGGTCTGCCTGGGGCT  
 GCTGCGCGGGGCTCCGGCAACTGGGGCGGTTGGGCTGCCCTGNCGCCCAAGCTCAC  
 AAGGTCTGTGCGCACGCCACCTGCGCGGGCACAGCAGCCGGCGCGTCCGCTCGCC

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_005195

**Insert Size:**

810 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\\_005195.2](#), [NP\\_005186.2](#)

**RefSeq Size:** 1295 bp

**RefSeq ORF:** 810 bp

**Locus ID:** 1052

**UniProt ID:** [P49716](#)

**Cytogenetics:** 8q11.21

**Domains:** BRLZ

**Protein Families:** Druggable Genome, Transcription Factors

**Gene Summary:** The protein encoded by this intronless gene is a bZIP transcription factor which can bind as a homodimer to certain DNA regulatory regions. It can also form heterodimers with the related protein CEBP-alpha. The encoded protein is important in the regulation of genes involved in immune and inflammatory responses, and may be involved in the regulation of genes associated with activation and/or differentiation of macrophages. The cytogenetic location of this locus has been reported as both 8p11 and 8q11. [provided by RefSeq, Sep 2010]