Product datasheet for MC208277

Cebpd (NM_007679) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cebpd (NM_007679) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cebpd
Synonyms:	c/EBPdelta
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208277 representing NM_007679 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGAGCGCCGCGCTTTTCAGCCTGGACAGCCCGGTGCGCGGCACACCCTGGCCCACAGAACCCGCGGCCT TCTACGAGCCAGGCAGGGTGGACAAGCCCGGCCGAGGGCCCGAGCCAGGGGATCTGGGGGAGCTGGGCTC CACGACTCCTGCCATGTACGACGACGAGAGCGCCATCGACTTCAGCGCCTACATTGACTCCATGGCCGCC GTGCCCACCCTAGAGCTGTGCCACGACGAACTCTTCGCCGACCTCTTCAACAGCAACCACAAAGCGGCCG GCGCGGGCGGCCTGGAGCTGCTGCAGGGCGGCCCTACGCGACCCCCGGGTGTGGGGTCTGTCGCTAGGGG GCCGCTCAAGCGCGAACCCGACTGGGGCGACGGCGACGCGCCGGGCTCCCTGCTGCCGGCGCAAGTGGCG GTGTGCGCGCAGACAGTGGTGAGCTTGGCGGCCGCGGCTCAGCCCACTCCACCCACTTCGCCGGAGCCTC CTCGAGGCAGCCCGGGGCCGAGCCTCGCGCCCGGCACAGTCCGAGAAAAGGGCGCGGGCAAGAGGGGTCC GGACCGCGGCAGCCCGGAGTACCGGCAGCGGCGCGAGCGCAACAACATCGCTGTGCGCAAGAGCCGCGAC AAGGCCAAGCGCCGCAACCAGGAGATGCAGCAGAAGCTGGTGGAGTTGTCGGCCGAGAACGAGAAGCTGC ATCAGCGCGTGGAGCAGCTCACCCGGGACCTGGCTGGCCTCCGGCAGTTCTTCAAAAAACTGCCCAGCCC GCCTTTCCTGCCGCCCACCGGCGCCGACTGCCGGTAA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-MluI
ACCN:	NM_007679
Insert Size:	807 bp

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OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_007679.4, NP_031705.3
RefSeq Size:	2260 bp
RefSeq ORF:	807 bp
Locus ID:	12609
UniProt ID:	Q00322
Cytogenetics:	16 10.09 cM
Gene Summary:	Transcription activator that recognizes two different DNA motifs: the CCAAT homology common to many promoters and the enhanced core homology common to many enhancers (PubMed:7594592, PubMed:19641492). Important transcription factor regulating the expression of genes involved in immune and inflammatory responses. Transcriptional activator that enhances IL6 transcription alone and as heterodimer with CEBPB (By similarity). [UniProtKB/Swiss-Prot Function]