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Product datasheet for MC206235

Cebpg (BC011319) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cebpg (BC011319) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cebpg
Synonyms:	GPE1-BP, Ig/EBP, C/EBP[g], C/EBPgamma
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC011319

CGTAACCGTCGCTCCTCCTCGCCGACTCGCGGGCTGCGAGGCCTGGGTCGGGTCGGGTCGGGCCGCGCCG
CGCGGGGCCGCTCGGAGTGGAGGCCGTCTGGGGGCGGGCGGGCCGGCCGGAGGCGCAGGTACATGTGAAG
ATTTTTTGGCAGTTGAGTGTGGCCTCCTCGGATCACATTGCTCTGATTTCTACCTATTCTGTGTTGGCAA
AGGAACGTGCCCAAATGAGCAAGCTGTCGCAGCCAGCCACTACTCCAGGAGTGAATGGAATAAGTGTCAT
TCATACTCAGGCACATGCCAGCGGCTTACAGCAGGTTCCTCAGCTGGTGCCCGCTGGGCCTGGGGGAGGG
GGCAAGGCTGTGCCTCCAAGCAAGCAAAGCAAAAAGAGCTCACCCATGGATCGGAATAGTGACGAATACC
GCCAGCGCAGAGAGCGGAACAATATGGCGGTGAAAAAAAGCCGGTTAAAAAGCAAGCAGAAAGCTCAAGA
TACACTGCAAAGAGTAAACCAGCTCAAGGAAGAGAATGAACGGTTGGAAGCCAAAATTAAGTTGCTGACA
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TCAGCACGGAAACTACAGCGACAAATTCTGATAACCCAGGGCAGTAGATCTCCTTCCAGGCCCAGGGCTT
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TTAATAAATCCTCACTTCCCCAGAAATGGCTCTTTTGTAGGAATGGGACAATGGAAGGTCATGTAGAAGG
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TTGTTCAAAATAACTGCCAATGGGGCCATGATTTTTAAAGGTAAAGTGTTCGTGTGTGTGTGCTTGTGTG

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AAGAGGCACCTTTTGTTGTTTGATCTCAACTGAACAATTATTAGAAAAATGAATCAACTTTATGCCATCT
CTCAAAAGACTAGTCAAAGAAAACTTGAAAGTATGAGGTTTGAATCTTTAATTTATTTCCTAAATTTTTA
AATTTTTATTTCTTTGAGGAATCTTTTTCTAGTTTAGTGGGCTGTTCTTCCAGACCTCATGTGTTATTGC
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CAAATGTTTGGACTCAAATGTTCTTACTCAAGTGGGAATGATGTTTAATTTGATAGATTTCTCTGTAAAG
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CGCCTGTTTGTGTGACAGGCTGGGGAAGATTCCATTCCACAGCTAATCAGATCTGCCTCAGGAAAAATAC
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TGTAGGGGGCAGGATGAAAGGGCTGCCTGTGTCCTGGTGGGTCCTAGCCTATGGTTTCCATTTGAGGTGT
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GTGTACTGGCTGATTTCAGAAATAAAACAAGACTCTAAGAAACAGAATTGTGTGTTGGGGGTGGGGGGTG
GGGCAGGAAGAGGCCATTTAGACGCTTTACTTTGGTCCTTTTAGTCTTTTCGTGTTTGGGGAAATAAGTT
TCTAATTGTTGTGTGGTTGTGAAAATTGTGTGGCTGATTATGGTGGTATACACCTGTAACCCCAGTATTA
CAGAGATGAAGGTTGAGTTTAAGGCCAATTTGAGTTTGAGTACCATTGAGACCCTGTCTTAAAAATGAAA
AAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: BC011319

Insert Size: 453 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:	BC011319, AAH11319
RefSeq Size:	4288 bp
RefSeq ORF:	453 bp
Locus ID:	12611
Cytogenetics:	7 B2
Gene Summary:	Transcription factor that binds to the promoter and the enhancer regions of target genes (PubMed:21602272). Binds to the promoter and the enhancer of the immunoglobulin heavy chain (PubMed:2121606). Binds to GPE1, a cis-acting element in the G-CSF gene promoter (PubMed:1709121). Binds to the enhancer element PRE-I (positive regulatory element-I) of the IL-4 gene (By similarity). Binds to the promoter and the enhancer of the alpha-1-fetoprotein gene (By similarity).[UniProtKB/Swiss-Prot Function]