

Product datasheet for **MG201057**

Cebpg (NM_009884) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cebpg (NM_009884) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Cebpg
Synonyms: C/EBPgamma; C/EBP[g]; GPE1-BP; Gpe1bp; Ig/EBP
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG201057 representing NM_009884
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGCAAGCTGTCGCAGCCAGCCACTACTCCAGGAGTGAATGGAATAAGTGTCATTACTCAGGCAC
 ATGCCAGCGGCTTACAGCAGGTTCTCAGCTGGTGCCCGCTGGGCTGGGGAGGGGCAAGGCTGTGCC
 TCCAAGCAAGCAAAGCAAAAAGAGCTCACCCATGGATCGGAATAGTGACGAATACCGCCAGCGCAGAGAG
 CGGAACAATATGGCGGTAAAAAAGCCGGTAAAAAGCAAGCAGAAAGCTCAAGATACTGCAAAGAG
 TAAACCAGCTCAAGGAAGAGAATGAACGGTTGGAAGCCAAAATTAAGTTGCTGACAAAGGAATTAAGTGT
 ACTGAAAGATTTGTTTCTTGAGCATGCGCACAGCCTCGCAGACAACGTGCAGCCCATCAGCACGGAACT
 ACAGCGACAAATTCTGATAACCCAGGGCAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG201057 representing NM_009884
 Red=Cloning site Green=Tags(s)

MSKLSQPATTPGVNGISVIHTQAHASGLQQVPQLVPAGPGGGKAVPPSKQSKKSSPMDRNSDEYRQRRE
 RNNMAVKKSKQKAQDTLQRVNQLKEENERLEAKIKLLTKELSVLKDLFLEHAHSLADNVQPISTET
 TATNSDNPQ

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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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:	NM_009884.3
RefSeq Size:	4288 bp
RefSeq ORF:	453 bp
Locus ID:	12611
UniProt ID:	P53568
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]