

Product datasheet for RR205240

Cebpb (NM_024125) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cebpb (NM_024125) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Cebpb
Synonyms: Il6dbp; NF-IL6; TCF5
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RR205240 representing NM_024125
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCACCGCTGCTGGCCTGGGACGCAGCATGCCTCCCGCCGCCCGCCGCCTTTAGACCCATGGAAG
 TGGCCAACTTCTACTACGAGCCGACTGCCTGGCTACGGGGCCAAGGCGGCCCGCCGCGCCGCGC
 CCCC GCCCGAGCCGGCCATCGGCGAGCAGGCGGCCATCGACTTCAGCCCCACCTGGAGCCGCTC
 GCGCCCGCCGCGGACTTCGCCGCGCCCGCCGCGCCGCGCACCAGACTTCCTTTCCGACCTCTTCGCC
 ACGACTACGGCGCAAGCCGAGCAAGAAGCCGTCCGACTACGGTTACGTGAGCCTCGGCCGCGGGCGC
 CAAGGCCGACCCCGCCTGCTCCCGCCGCCCTCCCGCCGACTCAAGGCCGAGCCGGCTTCGAA
 CCCGCGGACTGCAAGCGCGGGACGACGCGCCCGCATGGCGGCCGGCTTCCCGTTCCGCCCTGCGCGCT
 ACCTGGGTACCAGGCGACGCCGAGCGGCAGCAGCGGCAGCCTGTCCACGTGTCGTCGTCAGCCCGCC
 CGGGACGCCGAGCCCGCCGACGCCAAGGCCGCGCCCGCCGCTGCTTCGCGGGCCCGCCGCGCCG
 GCCAAGGCCAAGGCCAAGAAGGCCGTGGACAAGCTGAGCGACGAGTACAAGATGCGGCGCGAGCGCAACA
 ACATCGCGGTGCGCAAGAGCCGACAAAGGCCAAGATGCGCAACCTGGAGACGACACAAGGTGCTGGA
 GCTGACGGCGGAGAACGAGCGGCTGCAGAAGAAGTGGAGCAGCTGTCCGAGAGCTCAGCACGCTGCGG
 AACTTGTCAAGCAGCTGCCCGAGCCGCTGCTGGCCTCGCGGGTCACTGCAACTGTTCGAGCAGCTGC
 CCGAGCCGCTGCTGGCCTCGGCGGGTCACTGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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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 Size: 1475 bp

RefSeq ORF: 894 bp

Locus ID: 24253

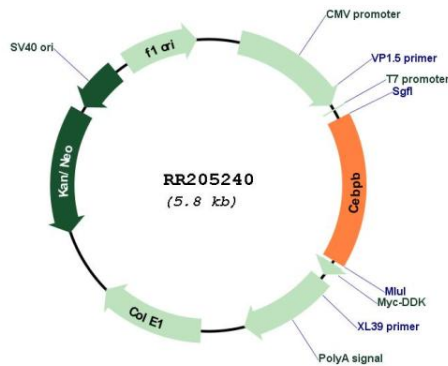
UniProt ID: [P21272](#)

Cytogenetics: 3q42

MW: 31.5 kDa

Gene Summary: This intronless gene encodes a member of the transcription factor family whose members contain a basic leucine-zipper domain. The encoded protein functions as a homodimer but can also form heterodimers with CCAAT/enhancer-binding proteins alpha, delta, and gamma. The encoded protein plays important roles in several cellular processes and in various diseases, including regulating cell proliferation, differentiation, apoptosis and neuroinflammation, and being involved in brain injury and inflammatory progression. The use of alternative in-frame AUG start codons results in multiple protein isoforms, each with different cellular localizations and distinct biological functions. [provided by RefSeq, Sep 2014]

Product images:



Circular map for RR205240