

Product datasheet for **RR200748**

Cbfb (NM_001013191) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cbfb (NM_001013191) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Cbfb
Synonyms: Pebp2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR200748 representing NM_001013191
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCGCGTCGTACCGACCAGAGGAGCAAGTTCGAGAACGAGGAGTCTTCAGGAAGCTGAGCCGG
 AGTGTGAGATTAAGTACACGGGCTTCAGGGACCGCCACGAGGAGCGCCAGACACGCTCCAGAACGC
 TTGCCGACGGCCGCTCGGAGATCGCTTTTGTGGCTACAGGAACCAATCTGTCTCTCCAGTTTTTCCG
 GCCAGCTGGCAGGAGAGCAACGACAAACACCTAGCCGGGAATATGTCGACTTAGAAAGAGAAGCAGGCA
 AGGTATACTTGAAGCCCCATGATTCTGAATGGAGTATGTGTTATATGGAAGGGCTGGATTGATCTCCA
 CAGATTGGATGGTATGGGTTGCCTGGAGTTTATGAGGAGCGAGCCAGCAGGAAGATGCATTAGCACAA
 CAGGCCTTTGAAGAGGCTCGAAGAAGAACTCGAGAATTTGAGGATAGAGACAGGTCTACCCGGGAGGAAA
 TGGAGGTGAGAGTTTACAGCTGCTGGCAGTAACTGGCAAGAAGACAGCAAGACCC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR200748 representing NM_001013191
 Red=Cloning site Green=Tags(s)

MPRVVPDQRSKFENEFFRKL SRECEIKYTGRDRPHEERQTRFQNA CRDGRSEIAFVATGTNLSLQFFP
 ASWQGEQRQTPSREYVDLEREAGKVYLKAPMILNGVCVIWKGWIDLHRLDGMGCLFDEERAQQEDALAQ
 QAFEEARRRTREFEDRDRSHREEMEVRSQLLAVTGKKTARP

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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:	<u>NM_001013191.1</u> , <u>NP_001013209.1</u>
RefSeq Size:	2927 bp
RefSeq ORF:	549 bp
Locus ID:	361391
Cytogenetics:	19q11
MW:	21.5 kDa
Gene Summary:	a transcription factor; may play a role in mood stabilization [RGD, Feb 2006]