

## Product datasheet for MR225993

### Cpeb2 (NM\_175937) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cpeb2 (NM_175937) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cpeb2
Synonyms:	A630055H10Rik; Cpe-bp2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR225993 representing NM_175937 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCGGGACTTCGGGTTTCGGGGTCTGCACACTGCCCTGCTGCGCAGCGGCAGCCACGATCCTCGCCCG  
GCGGCAGCGCCTACCGCCCTTCGCGCGCGGGCCGCCCGCACGCCCTTCGGCCCGCTGTCGCGCCCGCC  
GTTGCCTGTACCGGCTTCTCCGAGGCCGCTCCCCCTTCGCCATCCCTCGGGCGCGGGCGGCCAGC  
TCAGCCGAGCTTCTCTTCTCCCGCTCGTGGCGCATCCCAGGCCGTGCAGGATGAGCTACTGCTCG  
GGCTGACACAGCAGCCGACGAGGCCGCTCTCGGGGCGGGCGCCGAGAGCAGCTCCCCAGCCACCACC  
CGCGGGCGGCACGAACCGGGTGTGACCCACCTCCTCCCTCCCAGGACTTCAAACCGAGTCTGCACCAC  
CCCTCCTCCTCCTCCGCCTCCTCCTGCTGCTGCCGACCTCCTCCCCGAGGACTTCAGTAAGCGGC  
AGCAGCAGCAGCTGAGCAGCCAGAAGAGAAAGAGTTGAGCCCGCACACCGTCCCCACCCTCCGGACGC  
GAAGCCGCGCGCCGCCCGCCGCGCTCCACTGCCCGGGCCGCTTTCAGCCCAACACCGCCAAACGCCGCA  
CCACCGCCCGGGCCGCTCCTGCAGTCGGCGCGCTCGCCAGCGCTCTCAGCCGTTTCAGCCTCCCGCACA  
CGCAGCACCTCCCGCCGAGGACTTCGCCAGCGGCAGCGCCGGTTCGACCTGCCCGAGTCCCGCAGCT  
CCCGCCCTCGCCCGCCGAGCTCCGCGGGCGGCCACGGAGGCGCGGGAAGCCCTCGCCAGACCCCGGCC  
GCGGGCGAGGGCAGCGCCGCGGAGCCCAATGCGGGTTGCCCCCTCGACGCGCGGTGAACCCCG  
CGCCGGGCTCCATGGAGTCGCCAACCAACCTCTGCTCAACAGCCCGAGCACCTCCTGCCCGGGCGCGGC  
GCTCGGCACCGCCTTCAGCAGCCTGCAGAGCCCGACCTGCCGACCCCGGGCGGGCGGGGGCGGG  
GGACCCCGGAGGGGGAGGCGGCTCCGCGTCTCCCCACCGCTGCCCGGCTTCGGCACCCCTGGTCGG  
TGCAGACCGCTCGCCCGCGCCCGCCAGCCTCCGCGGGCAGCCAGCAGCAGCCACCCAGCAGCCGCA  
GCCGCCAGCAGCCGCCAACCACAGCCCCGGGCTCCTCGGCTGCCACCCCGGGCAGCGGGCGGGCGGC  
GCGGGCGGCTCTGAGCGCCATGCCGCCCGCCAGCCCGACTCGGAGAACGGCTTCTACCCGGGCTGC  
CATCGTCCATGAACCCGGCTTCTCCCGAGCTTCTCGCCGTGTCGCCGACGGCTGCGCGGGGCTCAG  
CGTGCCGCGCGGGTGGCGGGCGGGCGGGCTTCGGCGGCCGTTCTGCTCCACGGTCCCGCG



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CCGCCCGCCATGAATTTACCTCAACAGCAGCCGCCGGCGCGGCCCGCAGCAGCCGAGAGCCGGAGGT  
 CACCCGTGAGCCCGCAGCTGCAGCAGCAGCACCAGGCTGCCGAGCCGCCTTCTGCAGCAGAGAACTC  
 GTACAACCACCACCAGCCTCTTCTGAAACAGTCTCCTTGGAGCAACCATCAGAACAGCGGTTGGGGCACT  
 GCGAGCATGTCTGGGGAGCAATGCACGGCAGAGATCACCGCAGGAGCGGCAACATGGGGATCCCAGGGA  
 CTATGAATCAGATATCTCCGTGAAGAAGCCGTTCTCGGGTAATGTTATAGCACCACCGAAATCACTCG  
 CTCTACTCCATCACTGACTCCAAAATCTGGATTGAAGATAATGTGTTCCAGGACAGACAACAATAGTAAC  
 ACACCTTTACCCTTACAGGTGAGATCTAGTTTGCAGTTGCCAGCTTGGGGCTCAGATTCACCTCAAGATA  
 GTTGGTGCAGTGCAGCCGGAACATCCAGAATAGACCAGGATCGAAGTAGAATGTATGATAGCTTGAATAT  
 GCACTCTCTGGAAAATCCCTTATTGATATCATGAGAGCAGAGCAGATCCTCTCAAGGGTCGTCTGAGC  
 TATCCACATCCAGGAACCGACAATCTGTAAATGTTAAATGGTCGCTCTTCCCTATTTCCAATAGATGATA  
 GCTTGTGGATGATGGTCACAGTATCAAGTTGGTGTGTTTAAATTCACCAACATGTTATTCAGCTCATCA  
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 GATGAGATCACTGCCAGCTTCCGAAGATTTGGACCTTGGTAGTAGATTGGCCCCACAAAGCAGAAAGTA  
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 GTTCAAATCCGTCTTGGAAATTAAGTGATAGTATTCGTCATGGATGTTCTCAGCCTTTGGATCCCC  
 GAAAAACAATTTTTGTTGGAGGTGTTCTAGGCCACTAAGGGCTGTGGAAGTGTATGATCATGGACCG  
 GCTGTATGGTGGTGTGTTACGCAGGAATTGATACAGATCCAGAACTCAAATACCCAAAAGGTGCTGGG  
 CGAGTCGCTTCTCCAATCAGCAGAGCTACATTGCTGCCATCAGTGTCTGATTTGTTCCAGCTTCCAGCAG  
 GTGACATTGATAAACGTGTGGAGGTGAAGCCATATGTGCTAGATGACCAGATGTGTGACGAGTCCAGGG  
 TGCACGCTGTGGTGGAAATTTGCCCTTTTCTGTGCCAATGTACCTGCCTGCAGTATTACTGTGAG  
 TTTTGTGGGCAAATATCCACTCTGTGCAGGACGCGAGTCCATAAGCCATTGGTGAAGGAAGGTGCTG  
 ATCGCCACGTCAGATCCACTTCCGCTGGAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR225993 representing NM\_175937  
 Red=Cloning site Green=Tags(s)

MRDFGFGVLHTALLRSGSPRSSPGGSAYRPF AAGPPATPFGPLSPPPLPVTGFSEASPF AIPSGGGAAS  
 SAAASSSPLVAHPQAVQDELLGLTQQPTRPLSGAAAAEQLP SHHPGGGTNAGVTHLLPSQDFKPSLHH  
 PSSSSASSCCCR TSSPQDFSKRQQQLSSQKRKELSPPHRPHPPDAKPPPPPLHCPGRFSPTPTTP  
 PPPGPLLQSAPLAQRSQPFSLPHTQHLPPQDFAQRQRPVDLPQLPQLPPSPPAAPRRRHGGAGSPRQTPA  
 AGEGSAEPPNAGLPPSTPPVNPAPGSMESPNHPLLNSPSTLLPGAALGTSAFSSLQSPDLPHPGGGGGG  
 GPPGGGGGSASPPPLPGFGTPWSVQTASPPPPQPPPATQQQPQQPQQPQQPQQPQQPQQPQQPQQPQQP  
 AGGSLSAMPPSPDSENGFYGLPSSMNP AFFFSPVSPHGCAGLSVPAGGGGGGGGFGGPFSAPTVPA  
 PPAMNLPQQQPPAAPQQPQSRSPVSPQLQQHQAAAAAFLQQRNSYNHHQPLLKQSPWSNHQNSGWGT  
 ASMSWGMHGRDHRRSGNMGIPTGMNQISPLKKPFSGNVIAAPPKTRSTPSLTPKSWIEDNVFRTDNN  
 TLLPLQVRSSLQLPAWGSDSLQDSWCTAAGTSRIDQDRSRMYDSLNMHSLNSLIDIMRAEHDPLKGRLS  
 YPHPGTDNLLMLNGRSSLFPIDDSLDDGHSQVGVLSNPTCYSAHQNGERIERFSRKVVFVGLPPDIDE  
 DEITASFRFGPLVVDWPHKAESKSYFPPKGYAFLLFQEESVQALIDACIEEDGKLYLCVSSPTIKDKP  
 VQIRPWNLSDSDFVMDGSQPLDPRKTI FVGGVPRPLRAVELAMIMDRLYGGVCYAGIDTDPELKYPKGAG  
 RVAFSNQSYIAAISARFVQLQHGDIDKRVEVKPYVLDQMCDECGARCGGKFAFFFCANVTCLOQYYCE  
 FCWANIHSRAGREFHKPLVKEGADRPRQIHFRWN

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI



- 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:** [NM\\_175937.4](#)

**RefSeq Size:** 6823 bp

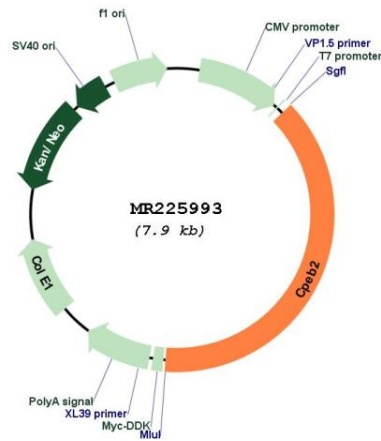
**RefSeq ORF:** 3045 bp

**Locus ID:** 231207

**Cytogenetics:** 5 B3

**MW:** 107.3 kDa

**Product images:**



Circular map for MR225993