

## Product datasheet for **MC223360**

### Cebpz (NM\_001024806) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Cebpz (NM\_001024806) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Cebpz  
**Synonyms:** A1848081; Cbf; CBF2; Cebpa-rs1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC223360 representing NM\_001024806  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGTCGGCCGACCAGGAACCTGTGGCGTTCCTTGCCAAGCAGCCCTGGCGTCCCAAACAGGTGACAGAAG  
ATCCGGATGAGGAAGACGAGGAGGATGGCGATGAGGGCAAGAATGGCTTCCCTGGAGGAGGTGTTACG  
CCTCGGAGGCACAAAGCAAGATTACCTTATGCTGGCTACTTTGGATGAAAATGAGGAAGTGGTGGATGGG  
GGCAAAAAGGGAACCATTTGACGACCTTCAACAAGGTGAAGTGGAGTCATTTATTCAGAATCTGAATTTGG  
CCAAATACTCAAAGTCTTTGATTGAAGAAGATGAACCAGAGAAAAAGGAAAAACCCAGCAAAAAAGAAGC  
AAAATACTGAAGGTGGAGAATAAAAAACAAGCAACAGAAGGAAAAAGACATCGGAAAAAGAAGGTG  
AAAAATAAGACTGTACCAGAACAGCGTCTGAGAGCTGTCCCCTCTCAAAGCAAAGAAAGATAAACAAC  
CCGATGTGTTGAATTTCTAGAGAGACAAACAATGTTACTCAGGCCTGGAGGCAAGTGGTACGACATGGA  
GTACAGCGGTGAGTATTCCTTGGAGCTGCAGCCTCCAGATGTCGTGTCCAAGTACAAAGCCCTGGCCAG  
AAGCTGTATGAGCACGAAGTCAGCTTATTCAAGAGTAAGACAAACAATCAAAGGGAGGCTCTTCCACCT  
GGATGAAGGCCATCGTGTATCAGGGACACTAGCTGACAGGATGGCGGCCATGATCCTTCTAATCCAGGA  
TGATGCTGTCCACTCTGCAGTTTGTAGAAACCCTGATGAGCCTTGTAAGAAAGAAAGGGCAGCAAGCAG  
CAGTGCCTCATGGCGTTGGACACGTTCAAGGAGTTGCTCATCACAGACCTTCTGCCAGACAGTCGGAAGC  
TCCGGGTTTTAGCCAGCATCCTTTCCACAAACTGGAAGAGTTGTCCAGTGGCAACAAGGACTCGAGAGA  
TAGAAGACTGATACTGTGGTATTATGAACCAATTGAAACACTTGGTAGCAGAATTCGTCCAGGTCCTC  
GAGACTTAAAGTCATGATTCCTTGGTAACCACTAAAACGCGGGCCCTGGTAGCTGCCATGAGCTGCTCT  
GTGATAAACCCGAGGAGGAAAAGGCTCTTCTTGTGCAGGTGATAAATAAGCTGGGAGATCCTCAGAACAG  
AATTGCTACGAAAGCCTCCCATCTGTTAGAAGTGTACTTCGGAAGCATCCCAATATGAAAGGAGTTGTG  
TGTGCAGAAATAGAAAGGCTACTTCCGCTCAAATATCAGCCCCAAAGCTCAGTATTATGCAATTTGCT  
TTCTAAACCAAAATGGTCTCTCCATGAAGAAAGTGAAGTTGGCTAACAAATTAATTAATCTTTATTTTGG  
TTTCTTTCGGACTTGATCAAGAAAAAGACATTGAATCAAAAATGCTCAGTGCAGTTTTAACAGGGGTG  
AACAGAGCATACCCTTACTCCAGATAGGTGACGACAAAGTGAGGGAGCAGGTGGACACTTTATTCAAAG



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TGTTGCATGTTGTAATTTTAATACGAGTGTGCAGGCTTTAATGCTACTTTTCCAAGTAATGAATTCTCA  
 ACAGACAATATCTGACCGATATTACACAGCTTTATACAGAAAGATGTTGGATCCAGGCCTGACGACATGT  
 TCCAAGCAAGCGATGTTTCTCAACCTGATCTACAAATCTTTGAAAGCTGACATCATGCTGCGCCGGTGA  
 AGGCGTTTGTGAAGAGTTGCTTCAAGTCACTGCACACAGATGCCGCCATTCATTTGTGGAGCGTTGTA  
 TCTTGTGTCTGAGATCCTTAAAGCAAACCAGATTTAAGAAGCCAAGTATGATCATCCGGAGTCTGAC  
 GAAGAAAATTCGTTGACGTGGGAGATGACAGTGACGATGAAAAGTTTACCGATGCGACAAAGAAAACAG  
 CAACAGATGCAGTAAAGGAAGTAGAGTCAAAGGAGACAGAGCCTGAGAGCAGCGCAGAGGCCGAGAAGCC  
 GAAGGCCCTTCTGGTGCACCTTGACAACCTGAAAGGTGGCAAGCAAATAAAGACATATGATCCATT  
 AGTAGAAATCCTTTATTCTGCGGAGCTGAAAATACAACCTTTTGGGAGCTCAAAAAGCTATCTGAACATT  
 TCCATCCTTCTGTGGCCCTTTTTCGAAAGACTATCCTTGAGGGAAATTGTATTCAATACTCAGGGGACCC  
 ACTGCAGGATTTCACTCATGAGATTCTTGGATCGATTTGTGTACCGAAATCCAAAGCTACATAAAGGC  
 AAAGAAAATACCGACAGTGTGTGATGCAACCCAAAAGGAAGCACTTTATGAAGAATGTCAGAGATCTCG  
 CTGTGAACAGCAAGGAGTTCCTTGCAAAAAGAAGAAAGCCAGATCCCAGTGGATGAAGTGTCTTCTATAG  
 GTATTACAAAAAGTTGCTGTTGTTAAAGACAAACAGAAACGCAGTGCAGATGAAGAAAATAGAAAGAT  
 ATTGATGATGAAGAATTTGAAAATATGATTGACACATTTGAAGACGACAAGTCTTCCCACCTGGGAAGG  
 ATGATATTGATTTGCCAGCAATATGAAAAAGCAAAAGGAGCTAAGGCTGACTTGAAGACTCAGAGAG  
 TAGTGACGGCGAAGTGGAGACCTGGATGACGATGAAAGTTTCTCTCGGAAGTATGAACGATGAAGACTTT  
 GAGATTGATGAAGATGGAGGAACGTTTATGGATGTGTCAGATGATGAAAGTGAAGATGCTCCAGAATTTG  
 CTGACGCCAACCCCAAAGCCAATACTAAGAAAAGCAAGAGAAAGAGTGAAGATGATTTTGAAGTGTGCTG  
 GTCATTTCAAGGACAAAAGAAAAGAAAAGTTTCAATGACTCCAGCCTGTTTGTCTCTGCTGAGGAG  
 TTTGGCCATCTGCTGGATGAGAATATGGGCTCCAAGTTTGATACTATTGGCATGAACGCCATGGCTAACA  
 GAGATAATGCAAGTTTCAAACAGCTCAAGTGGGAAGCTGAGCGAGATGACTGGCTGCACAACAGAGATGT  
 GAAAAGTATCATCAAGAAAAGAAAATTTCAAGGAAGAAGATGAAAGCCCTCAGAAACCCAAACGGCAG  
 AGGAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

Sgfl-MluI

**ACCN:**

NM\_001024806

**Insert Size:**

3159 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:**

[NM\\_001024806.2](#), [NP\\_001019977.1](#)

**RefSeq Size:**

4091 bp

RefSeq ORF: 3159 bp  
Locus ID: 12607  
UniProt ID: [P53569](#)  
Cytogenetics: 17 E3  
Gene Summary: Stimulates transcription from the HSP70 promoter.[UniProtKB/Swiss-Prot Function]