

## Product datasheet for **MC206801**

### **Rbbp7 (BC003785) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Rbbp7 (BC003785) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rbbp7
Synonyms:	AA409861; AI173248; AU019541; BB114024; mRbAp46
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC003785  
 GTTCCAAGTTTGGCGAGAGGGAGAGAGAGAGAGCGGCTCAGACCTCGCTACCCGCCAGCGGGGAGGAGG  
 CAGAAGAGGAGATCGCGGCGTCTGGGGGAGAACCAGACGGCCAGACCGAACTCAGGCTTTTCCGAGCG  
 AGGACTGCGTGACGTGCCTGGGAGAGGCAAGGAGCGCCTGCCGGGCTGCTCTTACTAGCGAGAGAGAAG  
 TCCGAGGCGGCCAAGGGGGCGAAACGACCCGACGCAAGATGGCGAGTAAAGAGATGTTTGAAGATACTG  
 TGGAGGAGCGTGTCAACGAAGAGTATAAACTCTGGAAGAAGAATACACCGTTTCTGTATGACCTGGT  
 TATGACCCATGCTCTTCAGTGGCCAGTCTTACCGTTTCTGAGTGGCTTCTGAACTGACTAAACCAGAAGGA  
 AAGGATTATGCCCTTCATTGGCTAGTGGCTGGGCACTCATACATCTGATGAGCAGAACCATCTGGTGGTTG  
 CTCGAGTTCATATCCCAATGATGATGCACAGTTTGTGCTTCCCACTGTGACAGTGACAAGGGAGAATT  
 CGGTGGCTTTGGTTCTGTAAACAGGGAAAATTGAATGTGAAATTAATAACCATGAAGGAGAAGTGAAT  
 CGTGCTCGTTATATGCCACAGAATCCTCACATCTTGGCCAAAAACACCATCTTCTGATGTTTTGGTTT  
 TTGACTATACAAAACACCCTGCAAAACCAGATCCAAGTGGAGAATGTAATCCTGATCTTAGATTAAGAGG  
 TCACAAAAGGAAGGCTATGGTCTTCTGGAATTCTAATCTGAGTGGGCATCTCCTGAGTGCATCTGAT  
 GACCATACTGTCTGCCTGTGGGATATAAATGCAGGACCAAGGAAGGCAAAATTGTGGATGCTAAAGCAA  
 TCTTTACTGGCCACTCAGCTGTTGTAGAGGATGTGGCCTGGCATCTGCTGCATGAGTCTTGTGGATC  
 TGTGCTGATGATCAGAACTTATGATATGGGACACCAGATCCAATACCCTTCTAAGCCGAGCCATTTG  
 GTGGATGCACACACCCTGAGGTCAACTGCCTCTCATTCAATCCCTACAGCGAGTTCATTCTGGCAACTG  
 GCTCTGCAGATAAGACTGTAGCTTTATGGGACCTGCGTAATCTGAACTAAAACCTCCACACCTTTGAATC  
 GCATAAGGATGAAATTTCCAGGTCCACTGGTCTCCACATAATGAACTATTCTGGCCTCAAGTGGTACT  
 GATCGCCGCTGAATGTGTGGGATTTAAGTAAATTTGGAGAAGAACAATCAGCAGAAGATGCAGAAGATG  
 GGCCTCCAGAGCTCCTGTTTATTCATGGAGGGCACACTGCCAAGATTTCTGACTTCAGCTGGAATCCCAA  
 TGAACCTTGGGTCAATTTGCTCTGTCTGAAGATAACATCATGCAGATATGGCAGATGGCTGAAAATATT  
 TACAATGATGAAGAGTCAGATGTCACGGCATCGAACTGGAGGGGCAAGGATCTTAAACCCAAAGTATGA  
 GTGTTTTTATTGAATGTATTGCTACATGAATGCTTGATTTGTCAAGCGCAAAAAGGCATTGTATAGTA  
 GGAAATGTAAGTGGGACGGCTTCTGGCATTCTTACCCTCTGATTCTAGCACTTTCAAGTGAAGTGTTC  
 GACTGTATCATATTGTAGCTATTAGGGGATAAAAAGGAATGTTGCTTAAGAACGGACATCATTGTTTTA  
 AGACACACATTGCTGGGTATTGCCTTTGATTCAACTGTCAATTTCTCAAATTTTAAAGTCTTGTCTCAA  
 GTTCCCAAATATGCGAGGATAACTTTTACACTTTTCTTCCAACACTTCTTGTGGCTTTCAGAGAAAT  
 AAAGTTTTAAAAATAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** BC003785

**Insert Size:** 1278 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: [BC003785](#), [AAH03785](#)

RefSeq Size: 1918 bp

RefSeq ORF: 1278 bp

Locus ID: 245688

Cytogenetics: X F4

**Gene Summary:** Core histone-binding subunit that may target chromatin remodeling factors, histone acetyltransferases and histone deacetylases to their histone substrates in a manner that is regulated by nucleosomal DNA. Component of several complexes which regulate chromatin metabolism. These include the type B histone acetyltransferase (HAT) complex, which is required for chromatin assembly following DNA replication; the core histone deacetylase (HDAC) complex, which promotes histone deacetylation and consequent transcriptional repression; the nucleosome remodeling and histone deacetylase complex (the NuRD complex), which promotes transcriptional repression by histone deacetylation and nucleosome remodeling; and the PRC2/EED-EZH2 complex, which promotes repression of homeotic genes during development; and the NURF (nucleosome remodeling factor) complex (By similarity).[UniProtKB/Swiss-Prot Function]