

Product datasheet for **MC200796**

Bop1 (NM_013481) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bop1 (NM_013481) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Bop1
Synonyms:	AU020183; AW146150; D18861; Erb1p; Kiaa0124; mKIAA0124
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC012693 sequence for NM_013481
 CCACGCGTCCGCGCGGCCGAGCATGGCGGGGGCGTGTGGTAAGCCCCACATGTCACCGGCATCGCTGCCG
 GGGAAACGACGTTTGAACCTGATCAGGAGCTGCAGATACAAGAGCCTCCTCCTCAGCGATCCTGACT
 CCAGTCTCTCTGACAGCGAGGAGAGTGTGTTTTAGGCCCTCGAAGATTCCGGCAGTGACTCGAGTGAGGA
 AGACACTGAAGGAGTGGCCGGATCCAGCGGTGACGAAGACAACCATAGGGCAGAGGAGACCTCTGAGGAG
 CTGGCACAGGCTGCCCTCTTTGCTCAAGGACAGAGGAAGCAGGTGCTCTGGCCCAAGATGAATATGAAG
 AGGACAGCTCTGATGAGGAGGACATTCCGAACACTGTGGGCAATGTGCCCTGGCATGGTACGATGAATT
 CCCACATGTGGTTATGACCTGGATGGCAAACGTATCTACAAGCCCTGCGGACACGAGATGAGCTCGAC
 CAGTTTCTGGACAAAATGGATGACCCAGATTTCTGGCGCACTGTGCAAGACAAGATGACAGGGCGTGATC
 TGGCGCTAACTGATGAGCAGGTTGCCCTGGTACACCGGCTTCAGAGAGGCCAGTTCGGAGATTCAGGCTT
 CAATCCCTATGAGCCAGCTGTGGACTTCTCAGCGGTGACATCATGATCCACCCTGTGACCAACCGCCCA
 GCTGACAAAGCGTAGTTTCCATCCCATCCCTAGTTGAAAAGGAGAAGGTGTCTCGAATGGTACATGCCATCA
 AGATGGGTGGATCAAGCCTCGACGGCCCCACGCCACCCCTAGCTTCTATGACCTGTGGGCCAGGA
 GGATCCGAATGCTGTGTTGGGACGCCACAAGATGCATGTGCCTGCCCCCAAGCTGGCCTTGCTGGCCAT
 GCCGAGTCTTACAACCCACTCCCGAGTACCTGCCCACTGAGGAGGAGCGCTCGGCGTGGATGCAGCAGG
 AGCCTGTGGAGAGGAAGCTTAACTTCTTCCACAGAAAATCCCCAGCTTGAGGACAGTGCCTGCTTACAG
 CCGCTTACCCAGGAGCGTTTCGAGCGCTGCCTCGATTTGTATCTGTGCCACCGCAACGCAAGATGAGG
 GTGAATGTGGACCCGAAGACCTCATCCCCAACTCCCTCGGCCAAGAGACCTTCAGCCTTTCCCTGTGT
 GCCAGGCCCTCGTCTACAGGGGCCACAGCGACCTTGTCCGTTGCCTCAGTGTCTCGCCAGGGGGCCAGTG
 GCTAGCTTCAGTTTCAGACGATGGCAGCTTGAAGCTCTGGGAGGTGGCCACTGCCCGCTGTATGAAGACT
 GTACATGTTGGAGGTGTGGTGGCAGCATCGCCTGGAACCCCAATCCTACCATATGCCTGGTAGCTGCTG
 CCATGGATGATGCCGTGTTGCTGCTGAACCCAGCCCTGGGGACCGGCTGCTGGTGGGCAGCACAGACCA
 GCTGTGGAAGCCTTCACTCCACTGAGGAGCCAGCTCTGCAGCCTGCCCGTGGCTAGAGGTCTCGGAG
 GAAGAGCACAGAGGGGTCTGCGCTACGCATCTGCCACAGCAAACAGTGACACAGGTGACCTGGCATG
 GCGAGGGGACTATTTGGCGGTGGTGTCTAGTCAAGAGCACACGCAAGTGTGCTTACCAGGTGAG
 CAGGAGGCGCAGCCAGAGCCCGTTCCGCGCAGCCACGGGAGGTGCAAGTGTGGCCTTCCATCCCTCC
 CGGCCCTTCTGCTCGTGGCCTCCAGCGCAGCATCCGCATTTACCACCTGCTGCGCCAGGAGCTAACCA
 AGAAGCTGATGCCAACTGCAAGTGGGTGTCCAGCATGGCTGTACATCCAGCAGGTGACAACATCATCTG
 TGGCAGCTATGACAGCAAAGTGTGGTTTGACCTGGATCTTTCCACCAAGCCATACAAAGTGTGAGG
 CACCACAAGAAGGCCTTGGGGCTGTGGCCTTCCACCCCGATACCCACTCTTTGCATCCGGCTCAGACG
 ACGGCAGTGTTATCGTGTCCATGGCATGGTGTACAATGACCTGTGCAGAACCCATTGCTGGTGCCTGT
 CAAGGTGCTGAAAGGACACACCCTGACCCGAGATCTGGGTGTTCTGGATGTGGCCTTCCACCCACACAG
 CCGTGGGTCTTCTCCTCCGGGGCAGATGGCACCATTTCGACTCTTTCAGCTAAGCCAACACACTACTCTGGG
 TGGCCTGGAAGAGGGTGGGTGTGCCTCCACACAGAATCCTCAATAGAATCCCATTCTTCTGCTTCCCTG
 ATTCAGCTCCAGCAACTGCCAGCCTTACCTTACACAGCACCCAGAACCTGGCTTAAGCCAGAAGGGA
 AAGTGGTATTGATACAATGTCACCCACTGAGGTGTAAGTGGCTTATTGGGCAATAAATTGGGGCACCAC AAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_013481

Insert Size: 2199 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: [BC012693](#), [AAH12693](#)

RefSeq Size: 2465 bp

RefSeq ORF: 2199 bp

Locus ID: 12181

UniProt ID: [P97452](#)

Cytogenetics: 15 35.91 cM

Gene Summary: Component of the PeBoW complex, which is required for maturation of 28S and 5.8S ribosomal RNAs and formation of the 60S ribosome.[UniProtKB/Swiss-Prot Function]