

Product datasheet for **MR210344**

Bop1 (NM_013481) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bop1 (NM_013481) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Bop1
Synonyms:	AU020183; AW146150; D18861; Erb1p; Kiaa0124; mKIAA0124
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>MR210344 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGGGGGCGTGTGGTAAGCCCCACATGTCACCGGCATCGCTGCCGGGAAACGACGTTTGAACCTG
 ATCAGGAGCTGCAGATACAAGAGCCTCCTCCTCAGCGATCCTGACTCCAGTCTCTCTGACAGCGAGGA
 GAGTGTGTTTTAGGCCCTCGAAGATTCGGGCAGTACTCGAGTGAGGAAGACACTGAAGGAGTGCCCGGA
 TCCAGCGGTGACGAAGACAACCATAGGGCAGAGGAGACCTCTGAGGAGCTGGCACAGGCTGCCCTCTTT
 GCTCAAGGACAGAGGAAGCAGGTGCTCTGGCCCAAGATGAATAAAGAGGACAGCTCTGATGAGGAGGA
 CATTTCGGAACACTGTGGCAATGTGCCCTGGCATGGTACGATGAATCCACATGTGGTTATGACCTG
 GATGGCAAACGTATCTACAAGCCCCTGCGGACACGAGATGAGCTCGACCAGTTTCTGGACAAAATGGATG
 ACCCAGATTTCTGGCGACTGTGCAAGACAAGATGACAGGGCGTATCTGCGGCTAACTGATGAGCAGGT
 TGCCCTGGTACACCGGCTTCAGAGAGGCCAGTTCCGGAGATTCAGGCTTCAATCCCTATGAGCCAGCTGTG
 GACTTCTTCAGCGGTGACATCATGATCCACCCTGTGACCAACCGCCAGCTGACAAGCGTAGTTTCATCC
 CATCCCTAGTTGAAAAGGAGAAGGTGTCTCGAATGGTACATGCCATCAAGATGGGGTGGATCAAGCCTCG
 ACGGCCCCACGACCCACCCCTAGCTTCTATGACCTGTGGGCCAGGAGGATCCGAATGCTGTGTTGGGA
 CGCCACAAGATGCATGTGCCTGCCCCCAAGCTGGCCTTGCTGGCCATGCCGAGTCTTACAACCCACCTC
 CCGAGTACCTGCCACTGAGGAGGAGCGCTCGGCGTGGATGCAGCAGGAGCCTGTGGAGAGGAAGCTTAA
 CTTCTTGCCACAGAAATCCCCAGCTTGAGGACAGTGCCTGCTTACAGCCGCTTCATCCAGGAGCGTTTC
 GAGCGCTGCCTCGATTTGTATCTGTGCCACGGCAACGAAGATGAGGGTGAATGTGGACCCCGAAGACC
 TCATCCCCAAACTCCCTCGGCCAAGAGACCTTCAGCCTTCCCTGTGTGCCAGGCCCTCGTCTACAGGG
 CCACAGCGACCTTGTCCGTTGCCTCAGTGTCTCGCCAGGGGCCAGTGGCTAGCTTCAGGTTTCAGACGAT
 GGCACGTTGAAGCTCTGGGAGGTGGCCACTGCCCGCTGTATGAAGACTGTACATGTTGGAGGTGTGGTGC
 GGAGCATCGCCTGGAACCCCAATCCTACCATATGCCTGGTAGCTGCTGCCATGGATGATGCCGTGTTGCT
 GCTGAACCCAGCCCTGGGGGACCGGCTGCTGGTGGCAGCACAGACCAGCTGCTGGAAGCCTTCACTCCA
 CCTGAGGAGCCAGCTCTGCAGCTGCCCGGTGGCTAGAGGTCTCGGAGGAAGAGCACCAGAGGGGTCTGC
 GCCTACGCATCTGCCACAGCAAACAGTGACACAGGTGACCTGGCATGGGCGAGGGGACTATTTGGCGGT
 GGTGCTGTCTAGTCAAGAGCACACGCAAGTGTCTTACCAGGTGAGCAGGAGGCGCAGCCAGAGCCCC
 TTCGCGCCAGCCACGGCAGGTGCAGTGTGTGGCCTTCCATCCCTCCCGCCCTTCTGCTCGTGGCCT
 CCCAGCGCAGCATCCGCATTTACCACCTGCTGCGCCAGGAGCTAACCAAGAAGCTGATGCCCAACTGCAA
 GTGGGTGTCCAGCATGGCTGTACATCCAGCAGGTGACAACATCATCTGTGGCAGCTATGACAGCAAACCTG
 GTGTGGTTTGACCTGGATCTTTCCACCAAGCCATACAAAGTGTGAGGCACCACAAGAAGGCCTTGCGGG
 CTGTGGCCTTCCACCCCGATACCCACTCTTGCATCCGGCTCAGACGACGGCAGTGTTATCGTGTGCCA
 TGGCATGGTGTACAATGACCTGCTGCAGAACCCATTGCTGGTGCCTGTCAAGGTGCTGAAAGGACACACC
 CTGACCCGAGATCTGGGTGTTCTGGATGTGGCCTTCCACCCACACAGCCGTGGGTCTTCTCCTCCGGGG
 CAGATGGCACCATTGACTCTTCAGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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_013481.1](#), [NP_038509.1](#)

RefSeq Size: 2476 bp

RefSeq ORF: 2199 bp

Locus ID: 12181

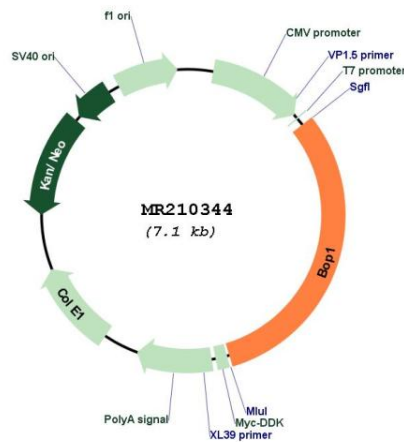
UniProt ID: [P97452](#)

Cytogenetics: 15 35.91 cM

MW: 82.5 kDa

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]

Product images:



Circular map for MR210344