

## Product datasheet for MR204562

### Arbp (BC011106) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Arbp (BC011106) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Arbp
Synonyms:	36B4; Arbp; L10E
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR204562 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCCAGGGAAGACAGGGCGACCTGGAAGTCCAACACTTCTCAAGATCATCCAACCTTTGGATGATT  
ATCCAAAATGCTTCATTGTGGGAGCAGACAACGTGGGCTCCAAGCAGATGCAGCAGATCCGCATGTCCCT  
CCGAGGGAAGGCCGTGGTGTGATGGGCAAGAACCATTGATGCGCAAGGCCATCAGGGCCACCTGGAG  
ACAACCCAGCTCTGGAGAACTGCTGCCTCACATCCGGGGAACTGGGCTTCGTGTTACCAAGGAGG  
ACCTCACTGAGATTCGGGATATGCTGTTGGCCAATAAGGTGCCAGCTGCTGCTCGGGCTGGTCCATCGC  
CCCGTGTGAGGTCAGTGTCCAGCTCAGAACACTGGTCTGGGGCCGAGAAGACCTCCTTCTCCAGGCT  
TTGGGCATCACCACGAAAATCTCCAGAGGCACCATTGAAATTCTGAGTGTGTGCAGCTGATAAAGACTG  
GAGACAAGGTGGGAGCCAGCGAGGCCACACTGCTGAACATGCTGAACATCTCCCCCTTCTCTTCGGGCT  
GATCATCCAGCAGGTGTTTGACAACGGCAGCATTATAACCTGAAGTGCTCGACATCACAGAGCAGGCC  
CTGCACTCTCGCTTCTGGAGGGTGTCCGCAACGTGGCCAGTGTGTGTGCTGCAGATCGGGTACCCAACTG  
TTGCCTCGGTGCCACACTCCATCATCAATGGGTACAAGCGCTCCTGGCATTGTCTGTGGAGACTGAGTA  
CACCTTCCCACTTGCTGAAAAGGTCAAGGCCTTCTGGCTGATCCATCTGCATTTGCGGCTGCTGCCCT  
GCAGCTGCTGCCACCACTGCTGCCCTGCGGCTGCTGCAGCCCTGCCAAAGCTGAAGCAAAGGAAGAGT  
CGGAGGAATCAGATGAGGATATGGGATTCGGTCTCTTCGAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

**Protein Sequence:** >MR204562 protein sequence  
Red=Cloning site Green=Tags(s)

MPREDRATWKSNYFLKIIQLDDYPKCFIVGADNVGSKQMQQIRMSLRGKAVVLMGKNTMMRKAIRGHLE  
 NNPAALEKLLPHIRGNVGFVFTKEDLTEIRDMLLANKVPAAARAGAIAPCEVTVPAQNTGLGPEKTSFFQA  
 LGITTKISRGTEILSDVQLIKTGDKVGASEATLLNMLNISPFSFGLIIQQVFDNGSIYNPEVL DITEQA  
 LHSRFLEGVNRNASVCLQIGYPTVASVPHSIINGYKRVLALSVETEYTFPLAEKVKAFLADPSAFAAAAAP  
 AAAATTAAPAAAAAPAKAEAKEESESEDEDMGFLFD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** BC011106

**ORF Size:** 951 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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:** [BC011106](#), [AAH11106](#)

**RefSeq Size:** 1138 bp

**RefSeq ORF:** 953 bp

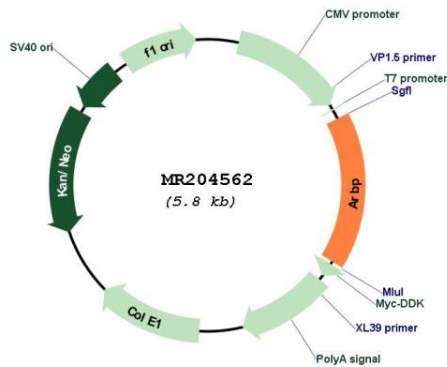
**Locus ID:** 11837

**Cytogenetics:** 5 F

**MW:** 34.2 kDa

**Gene Summary:** Ribosomal protein P0 is the functional equivalent of E.coli protein L10.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR204562