

## Product datasheet for **MG204552**

### Arbp (BC087887) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Arbp (BC087887) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Arbp
Synonyms:	36B4; Arbp; L10E
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG204552 representing BC087887 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCCAGGGAAGACAGGGCGACCTGGAAGTCCAACACTTCTCAAGATCATCCAACCTTTGGATGATT  
ATCCAAAATGCTTCATTGTGGGAGCAGACAACGTGGGCTCCAAGCAGATGCAGCAGATCCGCATGTCGCT  
CCGAGGGAAGGCCGTGGTGTGATGGGCAAGAACCATTGATGCGCAAGGCTATCAGGGCCACCTGGAG  
ACAACCCAGCTCTGGAGAACTGCTGCCTCACATCCGGGGAACTGGGCTTCGTGTTACCAAGGAGG  
ACCTCACTGAGATTCGGGATATGCTGTTGGCCAATAAGGTGCCAGCTGCTGCTCGGGCTGGTCCATCGC  
CCCGTGTGAGGTCAGTGTCCAGCTCAGAACACTGGTCTAGGACCCGAGAAGACCTCCTTCTCCAGGCT  
TTGGGCATCACCACGAAAATCTCCAGAGGCACCATTGAAATTCGAGTGATGTGCAGCTGATAAAGACTG  
GAGACAAGGTGGGAGCCAGCGAGGCCACTGCTGAACATGCTGAACATCTCCCCCTTCTCCTTCGGGCT  
GATCATCCAGCAGGTGTTTGACAACGGCAGCATTATAACCTGAAGTGCTCGACATCACAGAGCAGGCC  
CTGCACTCTCGCTTCTGGAGGGTGTCCGCAACGTGGCCAGTGTGTGTCTGCAGATCGGGTACCCAACTG  
TTGCCTCGGTGCCACACTCCATCATCAATGGGTACAAGCGCTCCTGGCATTGTCTGTGGAGACTGAGTA  
CACCTTCCCACTTACTGAAAAGGTCAAGGCCTTCTGGCTGATCCATCTGCATTTGCGGCTGCTGCCCT  
GCAGCTGCTGCCACCACTGCTGCCCTGCGGCTGCTGCAGCCCTGCCAAAGCTGAAGCAAAGGAAGAGT  
CGGAGGAATCAGATGAGGATATGGGATTCGGTCTCTTCGAC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG204552 representing BC087887  
 Red=Cloning site Green=Tags(s)

MPREDRATWKSNYFLKIIQLDDYPKCFIVGADNVGSKQMQQIRMSLRGKAVVLMGKNTMMRKAIRGHLE  
 NNPALAKLLPHIRGNVGFVFTKEDLTEIRDMLLANKVPAARAGAIAPCEVTVPAQNTGLGPEKTSFFQA  
 LGITTKISRGTEILSDVQLIKTGDKVGASEATLLNMLNISPFSFGLIIQQVFDNGSIYNPEVL DITEQA  
 LHSRFLEGVNRNASVCLQIGYPTVASVPHSIINGYKRVLALSVETEYTFPLTEKVKAFADPSAFAAAAAP  
 AAAATTAAPAAAAAPAKAEAKEESESEDEDMGFLFD

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** BC087887

**ORF Size:** 953 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:** [BC087887](#), [AAH87887](#)

**RefSeq Size:** 1124 bp

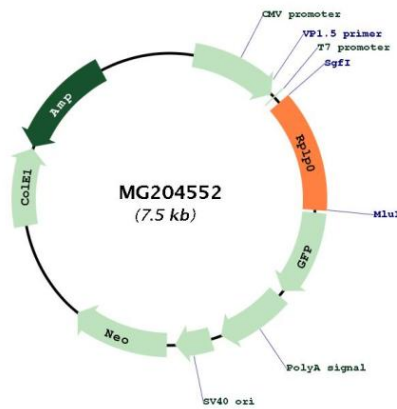
**RefSeq ORF:** 953 bp

**Locus ID:** 11837

**Cytogenetics:** 5 F

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

**Product images:**



Circular map for MG204552