

Product datasheet for MR204571

Arbp (BC003833) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arbp (BC003833) 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:	>MR204571 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCAGGGAAGACAGGGCGACCTGGAAGTCCAACACTTCTCAAGATCATCCAACCTTTGGATGATT
ATCCAAAATGCTTCATTGTGGGAGCAGACAACGTGGGCTCCAAGCAGATGCAGCAGATCCGCATGTCGCT
CCGAGGGAAGGCCGTGGTGTGATGGGCAAGAACCATTGATGCGCAAGGCTATCAGGGCCACCTGGAG
ACAACCCAGCTCTGGAGAACTGCTGCCTCACATCCGGGGAACGTGGGCTTCGTGTTACCAAGGAGG
ACCTCACTGAGATTCGGGATATGCTGTTGGCCAATAAGGTGCCAGCTGCTGCTCGGGCTGGTGCCATCGC
CCCGTGTGAGGTCAGTGTGCCAGCTCAGAACACTGGTCTAGGACCCGAGAAGACCTCCTTCTCCAGGCT
TTGGGCATCACCACGAAAATCTCCAGAGGCACCATTGAAATTCAGTGTGTGCAGCTGATAAAGACTG
GAGACAAGGTGGGAGCCAGCGAGGCCACACTGCTGAACATGCTGAACATCTCCCCCTTCTCTTCGGGCT
GATCATCCAGCAGGTGTTTGACAACGGCAGCATTATAACCTGAAGTGCTCGACATCACAGAGCAGGCC
CTGCACTCTCGCTTCTGGAGGGTGTCCGCAACGTGGCCAGTGTGTGTGCAGATCGGGTACCCAACTG
TTGCCTCGGTGCCACACTCCATCATCAATGGGTACAAGCGCTCCTGGCATTGTCTGTGGAGACTGAGTA
CACCTTCCCACTTGCTGAAAAGGTCAAGGCCTTCTGGCTGATCCATCTGCATTTGCGGCTGCTGCCCT
GCAGCTGCTGCCACCACTGCTGCCCTGCGGCTGCTGCAGCCCTGCCAAAGCTGAAGCAAAGGAAGAGT
CGGAGGAATCAGATGAGGATATGGGATTCGGTCTCTTCGAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR204571 protein sequence
Red=Cloning site Green=Tags(s)

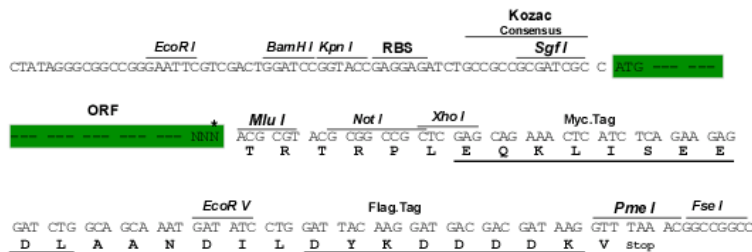
MPREDRATWKSNYFLKIIQLDDYPKCFIVGADNVGSKQMQQIRMSLRGKAVVLMGKNTMMRKAIRGHLE
 NNPAALEKLLPHIRGNVGFVFTKEDLTEIRDMLLANKVPAAARAGAIAPCEVTVPAQNTGLGPEKTSFFQA
 LGITTKISRGTEIILSDVQLIKTGDKVGASEATLLNMLNISPFSFGLIIQQVFDNGSIYNPEVL DITEQA
 LHSRFLEGVNRNASVCLQIGYPTVASVPHSIINGYKRVLALSVETEYTFPLAEKVKAFLADPSAFAAAAAP
 AAAATTAAPAAAAAPAKAEAKEESESEDEDMGFLFD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: BC003833

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: [BC003833](#), [AAH03833](#)

RefSeq Size: 1102 bp

RefSeq ORF: 953 bp

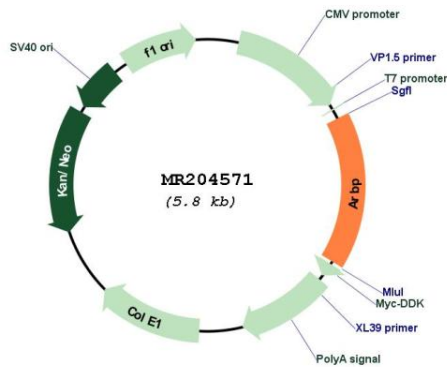
Locus ID: 11837

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 MR204571