

Product datasheet for **MC206852**

Rbp4 (BC031809) Mouse Untagged Clone

Product data:

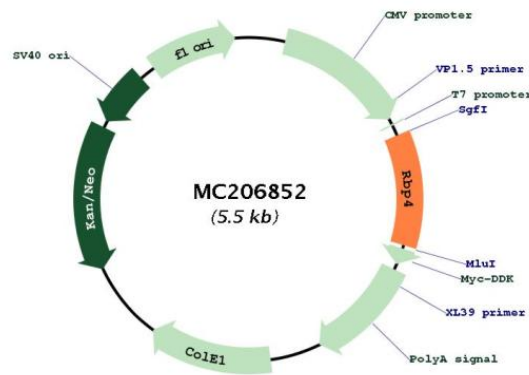
Product Type:	Expression Plasmids
Product Name:	Rbp4 (BC031809) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rbp4
Synonyms:	Rbp-4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC206852 representing BC031809. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGGAGTGGGTGTGGCGCTCGTGCTGGCGGCTCTGGGAGGCGGCAGCGCCGAGCGCGACTGCAGG
GTGAGCAGCTTCCGAGTCAAGGAGAACTTCGACAAGGCTCGTTTCTCTGGGCTCTGGTATGCCATCGCC
AAAAAGGACCCCGAGGGTCTCTTTTGCAAGACAACATCATCGCTGAGTTTTCTGTGGACGAGAAGGGT
CATATGAGCGCCACAGCCAAGGGACGAGTCCGTCTTCTGAGCAACTGGGAAGTGTGTGCAGACATGGTG
GGCACTTTCACAGACTGAAGATCCTGCCAAGTTCAAGATGAAGTACTGGGGTGTAGCCTCCTTTCTC
CAGCGAGGAAACGATGACCACTGGATCATCGACACGACTACGACACCTTCGCTCTGCAGTACTCCTGC
CGCTGCAGAATCTGGATGGCACCTGTGCAGACAGCTACTCCTTTGTGTTTTCTCGTGACCCCAATGGC
CTGAGCCAGAGACACGGAGGCTGGTGAGGCAACGGCAGGAGGAGCTGTGCCTAGAGAGGCAGTACAGA
TGGATCGAACACAATGGTTACTGTCAAAGCAGGCCCTCCAGAAACAGTTTGTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-MluI



[View online »](#)

Plasmid Map:


ACCN: BC031809

Insert Size: 606 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: [BC031809](#)

RefSeq Size: 804 bp

RefSeq ORF: 605 bp

Locus ID:	19662
Cytogenetics:	19 32.75 cM
MW:	23.2 kDa
Gene Summary:	Retinol-binding protein that mediates retinol transport in blood plasma. Delivers retinol from the liver stores to the peripheral tissues. Transfers the bound all-trans retinol to STRA6, that then facilitates retinol transport across the cell membrane.[UniProtKB/Swiss-Prot Function]