

Product datasheet for **MC209302**

Rbp1 (NM_011254) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rbp1 (NM_011254) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rbp1
Synonyms: Crbp; CRBPI; Rbp-1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC209302 representing NM_011254
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCCTGTGGACTTCAACGGGACTGGAAGATGCTGAGCAATGAGAATTCGAGGAGTACCTGCGCGCGC
TCGACGTCAACGTGGCCTTACGCAAAATCGCCAATTGCTGAAGCCAGACAAAGAGATCGTGCAGGATGG
CGACCACATGATCATCCGACGCTGAGCACTTTTCGGAATATATCATGGACTTCCAAGTTGGGAAGGAG
TTTGAGGAAGATCTGACAGGCATAGACGACCGCAAGTGCATGACCACTGTGAGCTGGGATGGTGACAAAC
TCCAGTGTGTGAGAAGGGAGAGAAGGAGGACGTGGCTGGACGCAAGTGGATCGAGGGTGTGAACCTCA
CCTGAAATGAGAGCTGAGGGTGTGATCTGCAAGCAAGTGTAAAGAAAGTACAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_011254
Insert Size: 408 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).



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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:	<ol style="list-style-type: none">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_011254.5 , NP_035384.1
RefSeq Size:	2628 bp
RefSeq ORF:	408 bp
Locus ID:	19659
UniProt ID:	Q00915
Cytogenetics:	9 51.36 cM
Gene Summary:	Cytoplasmic retinol-binding protein. Accepts retinol from the transport protein STRA6, and thereby contributes to retinol uptake, storage and retinoid homeostasis.[UniProtKB/Swiss-Prot Function]