

## Product datasheet for MR202746

### Apobec1 (NM\_031159) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Apobec1 (NM\_031159) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Apobec1  
**Synonyms:** Cdar1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR202746 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGTCCGAGACAGGCCCTGTAGCTGTTGATCCCACTCTGAGGAGAAGAATTGAGCCCCACGAGTTTG  
AAGTCTTCTTTGACCCCCGGGAGCTTCGGAAAGAGACCTGTCTGCTGTATGAGATCAACTGGGGTGGAAAG  
GCACAGTGTCTGGCGTCACACGAGCCAAAACACCAGCAACCACGTTGAAGTCAACTTCTTAGAAAAATTT  
ACTACAGAAAGATACTTTCGTCCGAACACCAGATGCTCCATTACCTGGTTCCTGCTCCTGGAGTCCCTGCC  
GGGAGTGTCCAGGGCCATTACAGAGTTTCTGAGCCAACACCCCTATGTAACCTCTGTTTATTTACATAGC  
ACGGCTTTATCACCACACGGATCAGCGAAACCGCAAGGACTCAGGGACCTTATTAGCAGCGGTGTGACT  
ATCCAGATCATGACAGAGCAAGAGTATTGTTACTGCTGGAGGAATTTTGTCAACTACCCCTTCGAACG  
AAGCTTATTGGCCAAGGTACCCCATCTGTGGGTGAAACTGTATGTATTGGAGCTCTACTGCATCATTTT  
AGGACTCCACCCTGTTTAAAAATTTTAAAGAAAGCAACCTCAACTCACGTTTTTACAATTACTCTT  
CAAACCTGCCATTACCAAAGGATACCACCCATCTCCTTTGGGCTACAGGGTTGAAA

**ACGCGT**ACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**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:** [NM\\_031159.1](#), [NM\\_031159.2](#), [NM\\_031159.3](#), [NP\\_112436.1](#)

**RefSeq Size:** 2265 bp

**RefSeq ORF:** 690 bp

**Locus ID:** 11810

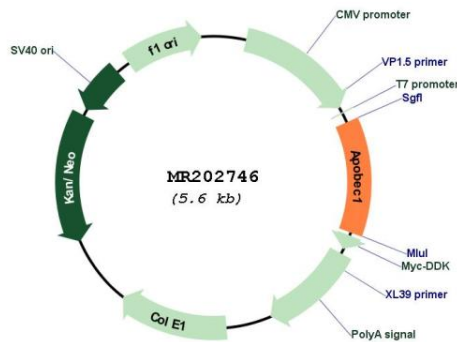
**UniProt ID:** [P51908](#)

**Cytogenetics:** 6 57.68 cM

**MW:** 27.5 kDa

**Gene Summary:** Catalytic component of the apolipoprotein B mRNA editing enzyme complex which is responsible for the postranscriptional editing of a CAA codon for Gln to a UAA codon for stop in the APOB mRNA. May also play a role in the epigenetic regulation of gene expression by participating in DNA demethylation.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR202746