

## Product datasheet for **RN204543**

### Apobec4 (NM\_001017492) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Apobec4 (NM_001017492) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Apobec4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN204543 representing NM_001017492 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGCCACTGTATGAGGAGTATCTAACCACAGTGAACAATAGTCAAACCTTACTACTGGCTAAGCG  
TCTCTCTAAATTGCACTAACTGTCTTACCACATCCGGACAGGTGAGGAAGCGAGAGTTCCTACACAGA  
ATTTTCATAAACTTTGGATTCCCATGGTCAACATACCCTCAAACAAAACACCTCACATTTTATGAACTG  
AGAAGTTCTCCGGGAACCTGATACAAAAGGGCCTTGTAGCAACTGCACTGGGAGTACACCCACCCAG  
AATCAATGCTCTTTGAGAGGGATGGCTACCTGGACTCACTCATATCCATGACAGCAACATCAGACATAT  
CATTCTGTATTCCAACAACTCCCCTTGTGACGAGGCTAACCACTGCTGCATCAGCAAAATGTACAACCTC  
CTGATGAACTATCCAGAAGTCACCCTCAGCGTTTTCTTTCTCAGCTCTATCATACTGAGAATCAATTTT  
CTACCTCAGCATGGAACCGTGAGGCTCTTCGGGGCCTGGCCAGCTTATGGCCCCAGGTCACCTTTGAGTGC  
AATAAGTGGTGGCATTGGCAGTCTATTCTTGAACATTTGTTAGTGGCATCTCTGAAGGGCTGACTGCT  
GTGCGGCCCTTACAGCTGGGAGGACCCTGACTGACAGGTATAACGCTTATGAAATCACTGCATCACAG  
AAGTGAAGCCTTACTTCACTGATGCTCTTACAGTTGGCAAAAAGAGAATCAGGACCAAAAAGTCTGGGC  
AGCCTCTGAAAACAGCCCTTACACAATACCCTCCTGCCAATGGCAACCCGACATGAGTCAGGACTGC  
AGGACTCCGGCGTTTTTCATGTTGGTGCCTTACAGAGACCTACCACCAATCCATGTGAATCCAAGTCCAC  
AGAAACCCAGGACCGTGGTAAGGCACCTGAATACGCTTCAACTGTGAGCCTCCAAGGTCAAAGCCCTAAG  
GAAATCTCCCTCGGCAGGCCAGTGAAGAAGGAGGAGGCTAGGAAGGGGTCTACACGTAGCCAAGAGGCA  
AATGAAACGAACAAAAGCAAATGGAAGAAACAGACTCTATTTATCAAGTCAAACATCTGCCATTTACTGG  
AGAGGGAACAAAAAAATTGGAATTCTCTCTTCTGCTGTCTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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<b>ACCN:</b>	NM_001017492
<b>Insert Size:</b>	1167 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_001017492.1</a></u> , <u><a href="#">NP_001017492.1</a></u>
<b>RefSeq Size:</b>	1405 bp
<b>RefSeq ORF:</b>	1167 bp
<b>Locus ID:</b>	498251
<b>UniProt ID:</b>	<u><a href="#">Q6AXX9</a></u>
<b>Cytogenetics:</b>	13q21
<b>Gene Summary:</b>	Putative C to U editing enzyme whose physiological substrate is not yet known. [UniProtKB/Swiss-Prot Function]