

## Product datasheet for **SC204401**

### **APOBEC3G (NM\_021822) Human 3' UTR Clone**

#### **Product data:**

**Product Type:** 3' UTR Clones  
**Product Name:** APOBEC3G (NM\_021822) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** APOBEC3G  
**Synonyms:** A3G; ARCD; ARP-9; ARP9; bK150C2.7; CEM-15; CEM15; dj494G10.1; MDS019  
**ACCN:** NM\_021822  
**Insert Size:** 352 bp  
**Insert Sequence:** >SC204401 3'UTR clone of NM\_021822

The sequence shown below is from the reference sequence of NM\_021822. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CGGGCCATTCTCCAGAATCAGGAAACTGAGGATGGGCCTCAGTCTCTAAGGAAGCGACAGACCTGGG
TTGAGCCTCAGAATAAAGATCTTCTTCCAAGAAATGCAAACAGGCTGTTCAACCACCATCTCCAGCTGA
TCACAGACACCAGCAAAGCAATGCACTCCTGACCAAGTAGATTCTTTTAAAAATTAGAGTGCATTACTT
TGAATCAAAAATTTATTTATATTCAAGAATAAAGTACTAAGATTGTGCTCAATACACAGAAAATTTTC
AAACCTACTAATCCAGCGACAATTTGAATCGGTTTTGTAGGTAGAGGAATAAAATGAAATACTAAATCT
TTCTGTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_021822.4](#)



[View online »](#)

**Summary:** This gene is a member of the cytidine deaminase gene family. It is one of seven related genes or pseudogenes found in a cluster, thought to result from gene duplication, on chromosome 22. Members of the cluster encode proteins that are structurally and functionally related to the C to U RNA-editing cytidine deaminase APOBEC1. The protein encoded by this gene catalyzes site-specific deamination of both RNA and single-stranded DNA. The encoded protein has been found to be a specific inhibitor of human immunodeficiency virus-1 (HIV-1) infectivity. [provided by RefSeq, Mar 2017]

**Locus ID:** 60489

**MW:** 13.1