

## OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

## Product datasheet for RC212707L4V

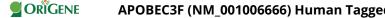
## APOBEC3F (NM\_001006666) Human Tagged ORF Clone Lentiviral Particle

## **Product data:**

| Product Type:                | Lentiviral Particles  |
|------------------------------|---|
| Product Name:                | APOBEC3F (NM_001006666) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                      | APOBEC3F  |
| Synonyms:                    | A3F; ARP8; BK150C2.4.MRNA; KA6  |
| Mammalian Cell<br>Selection: | Puromycin   |
| Vector:                      | pLenti-C-mGFP-P2A-Puro (PS100093)   |
| Tag:                         | mGFP  |
| ACCN:                        | NM_001006666  |
| ORF Size:                    | 303 bp  |
| ORF Nucleotide<br>Sequence:  | The ORF insert of this clone is exactly the same as(RC212707).  |
| OTI Disclaimer:              | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <u>More info</u> |
| OTI Annotation:              | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.  |
| RefSeq:                      | <u>NM 001006666.1</u>   |
| RefSeq Size:                 | 822 bp  |
| RefSeq ORF:                  | 306 bp  |
| Locus ID:                    | 200316  |
| UniProt ID:                  | <u>Q8IUX4</u>   |
| Cytogenetics:                | 22q13.1   |
| MW:                          | 11.6 kDa  |



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Gene 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. It is thought that the proteins may be RNA editing enzymes and have roles in growth or cell cycle control. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

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