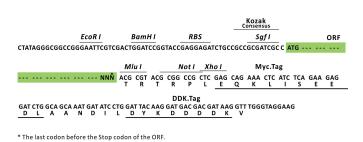


Product datasheet for RC207845L3

APOBEC3F (NM_145298) Human Tagged Lenti ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	APOBEC3F (NM_145298) Human Tagged Lenti ORF Clone
Tag:	Myc-DDK
Symbol:	APOBEC3F
Synonyms:	A3F; ARP8; BK150C2.4.MRNA; KA6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207845).
Restriction Sites:	Sgfl-Mlul
Cloning Scheme:	
	Cloning sites used for ORF Shuttling:
	Sgf1 ORF Mlu I GCG ATC GCC ATG// NNN ACG CGT



ACCN: ORF Size: NM_145298 1119 bp

OriGene Technologies, Inc.

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ORIGENE APOBEC3F (NM_145298) Human Tagged Lenti ORF Clone – RC207845L3	
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.
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:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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:	<u>NM 145298.5</u>
RefSeq Size:	4706 bp
RefSeq ORF:	1122 bp
Locus ID:	200316
UniProt ID:	<u>Q8IUX4</u>
Cytogenetics:	22q13.1
Domains:	APOBEC_C
MW:	45.1 kDa
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

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