

Product datasheet for MR227426L4

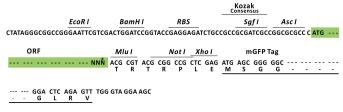
Apoe (NM_009696) Mouse Tagged Lenti ORF Clone

Product data:

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 Type:Expression PlasmidsProduct Name:Apoe (NM_009696) Mouse Tagged Lenti ORF CloneTag:mGFPSymbol:ApoeSymonyms:A; Al255918; Apo-EMammalian Cell Selection:PuromycinVector:pLenti-C-mGFP-P2A-Puro (PS100093)E. coli Selection:Chloramphenicol (34 ug/mL)ORF Nucleotide Sequence:The ORF insert of this clone is exactly the same as(MR227426)Restriction Sites:Ascl-MlulCloning Scheme:Conting stes used for ORF Shuttling:		
Tag: mGFP Symbol: Apoe Synonyms: A; Al255918; Apo-E Mammalian Cell Puromycin Selection: PLenti-C-mGFP-P2A-Puro (PS100093) E. coli Selection: Chloramphenicol (34 ug/mL) ORF Nucleotide The ORF insert of this clone is exactly the same as(MR227426) Sequence: Ascl-Mlul Cloning Scheme: Coning sites used for ORF Shuttling:	Product Type:	Expression Plasmids
Symbol: Apoe Synonyms: A; Al255918; Apo-E Mammalian Cell Puromycin Selection: pLenti-C-mGFP-P2A-Puro (PS100093) E. coli Selection: Chloramphenicol (34 ug/mL) ORF Nucleotide The ORF insert of this clone is exactly the same as (MR227426) Sequence: Ascl-Mlul Cloning Scheme: Coning sites used for ORF Shuttling:	Product Name:	Apoe (NM_009696) Mouse Tagged Lenti ORF Clone
Synonyms: A; Al255918; Apo-E Mammalian Cell Puromycin Selection: PLenti-C-mGFP-P2A-Puro (PS100093) E. coli Selection: Chloramphenicol (34 ug/mL) ORF Nucleotide The ORF insert of this clone is exactly the same as(MR227426) Sequence: Ascl-Mlul Cloning Scheme: Cloning stes used for ORF Shuttling:	Tag:	mGFP
Mammalian Cell Puromycin Selection: PLenti-C-mGFP-P2A-Puro (PS100093) E. coli Selection: Chloramphenicol (34 ug/mL) ORF Nucleotide The ORF insert of this clone is exactly the same as(MR227426) Sequence: Ascl-Mlul Cloning Scheme: Cloning sites used for ORF Shuttling:	Symbol:	Арое
Selection: pLenti-C-mGFP-P2A-Puro (PS100093) E. coli Selection: Chloramphenicol (34 ug/mL) ORF Nucleotide The ORF insert of this clone is exactly the same as(MR227426) Sequence: Ascl-Mlul Cloning Scheme: Cloning sites used for ORF Shuttling:	Synonyms:	А; АІ255918; Аро-Е
E. coli Selection: Chloramphenicol (34 ug/mL) ORF Nucleotide The ORF insert of this clone is exactly the same as(MR227426 Sequence: Ascl-Mlul Cloning Scheme: Cloning sites used for ORF Shuttling:		Puromycin
ORF Nucleotide The ORF insert of this clone is exactly the same as(MR227426 Sequence: Restriction Sites: Ascl-Mlul Cloning Scheme:	Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Sequence: Restriction Sites: AscI-Mlul Cloning Scheme: Cloning sites used for ORF Shuttling:	E. coli Selection:	Chloramphenicol (34 ug/mL)
Cloning Scheme:		The ORF insert of this clone is exactly the same as(MR227426).
Cloning sites used for ORF Shuttling:	Restriction Sites:	Ascl-Mlul
Kozak	Cloning Scheme:	Asc I ORF Mlu I GGC GCG CC C ATG // NNŇ ACG CGT



ACCN: ORF Size: NM_009696 933 bp



View online »

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2025 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

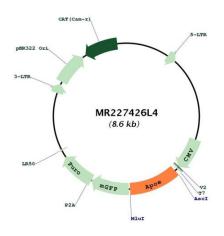
* The last codon before the Stop codon of the ORF.

ORIGENE Apoe (NM_009696) Mouse Tagged Lenti ORF Clone – MR227426L4	
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM 009696.3</u>
RefSeq Size:	1266 bp
RefSeq ORF:	936 bp
Locus ID:	11816
UniProt ID:	<u>P08226</u>
Cytogenetics:	7 9.94 cM
Gene Summary:	This gene encodes a member of the apolipoprotein A1/A4/E family of proteins. This protein is involved in the transport of lipoproteins in the blood. It binds to a specific liver and peripheral cell receptor, and is essential for the normal catabolism of triglyceride-rich lipoprotein constituents. Homozygous knockout mice for this gene accumulate high levels of cholesterol in the blood and develop atherosclerosis. Different alleles of this gene have been associated with either increased risk or a protective effect for Alzheimer's disease in human patients. This gene maps to chromosome 7 in a cluster with the related apolipoprotein C1, C2 and C4 genes. [provided by RefSeq, Apr 2015]

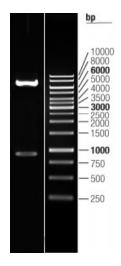
This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2025 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US



Product images:



Circular map for MR227426L4



Double digestion of MR227426L4 using AscI and Mlul

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2025 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US