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Product datasheet for MR227426L3V

Apoe (NM_009696) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Apoe (NM_009696) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Apoe
Synonyms:	A; AI255918; Apo-E
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_009696
ORF Size:	933 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227426).
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. More info
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:	NM_009696.3
RefSeq Size:	1266 bp
RefSeq ORF:	936 bp
Locus ID:	11816
UniProt ID:	P08226
Cytogenetics:	7 9.94 cM

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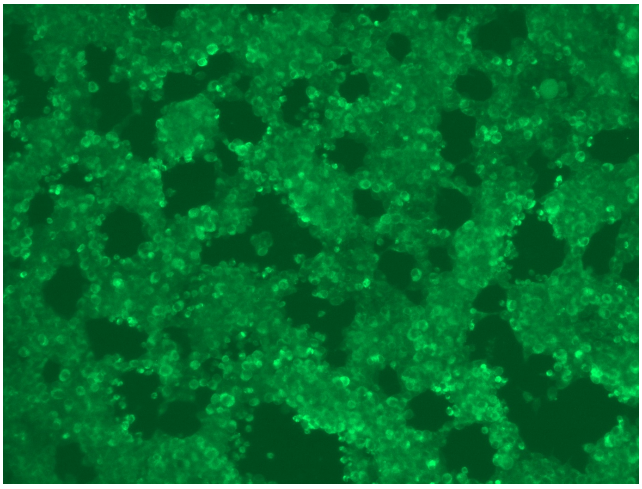
Gene Summary: This gene encodes a member of the apolipoprotein A1/A4/E family of proteins. This protein is involved in the transport of lipoproteins in the blood. It binds to a specific liver and peripheral cell receptor, and is essential for the normal catabolism of triglyceride-rich lipoprotein constituents. 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]

Product images:



[MR227426L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with MR227426L3V particle to overexpress human Apoe-Myc-DDK fusion protein.