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Product datasheet for RC211023L1V

Apolipoprotein A V (APOA5) (NM_052968) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Apolipoprotein A V (APOA5) (NM_052968) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Apolipoprotein A V
Synonyms:	APOAV; RAP3
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_052968
ORF Size:	1098 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211023).
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_052968.3
RefSeq Size:	1954 bp
RefSeq ORF:	1101 bp
Locus ID:	116519
UniProt ID:	Q6Q788
Cytogenetics:	11q23.3
Domains:	Apolipoprotein
Protein Families:	Druggable Genome, Secreted Protein

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Protein Pathways: PPAR signaling pathway

MW: 41.2 kDa

Gene Summary: The protein encoded by this gene is an apolipoprotein that plays an important role in regulating the plasma triglyceride levels, a major risk factor for coronary artery disease. It is a component of high density lipoprotein and is highly similar to a rat protein that is upregulated in response to liver injury. Mutations in this gene have been associated with hypertriglyceridemia and hyperlipoproteinemia type 5. This gene is located proximal to the apolipoprotein gene cluster on chromosome 11q23. Alternatively spliced transcript variants encoding the same protein have been identified. [provided by RefSeq, Oct 2009]