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Product datasheet for RC202723L3V

Apolipoprotein A II (APOA2) (NM_001643) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Apolipoprotein A II (APOA2) (NM_001643) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Apolipoprotein A II
Synonyms:	Apo-AII; ApoA-II; apoAII
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001643
ORF Size:	300 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC202723).`
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_001643.1
RefSeq Size:	473 bp
RefSeq ORF:	303 bp
Locus ID:	336
UniProt ID:	P02652
Cytogenetics:	1q23.3
Domains:	ApoA-II, Radial_spoke
Protein Families:	Druggable Genome, Secreted Protein

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Protein Pathways: PPAR signaling pathway

MW: 11.2 kDa

Gene Summary: This gene encodes apolipoprotein (apo-) A-II, which is the second most abundant protein of the high density lipoprotein particles. The protein is found in plasma as a monomer, homodimer, or heterodimer with apolipoprotein D. Defects in this gene may result in apolipoprotein A-II deficiency or hypercholesterolemia. [provided by RefSeq, Jul 2008]