

Product datasheet for **RC201451L3V**

Apolipoprotein O (APOO) (NM_024122) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Apolipoprotein O (APOO) (NM_024122) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Apolipoprotein O
Synonyms:	FAM121B; Mic23; MIC26; MICOS26; My025
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_024122
ORF Size:	594 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201451).
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_024122.2
RefSeq Size:	1134 bp
RefSeq ORF:	597 bp
Locus ID:	79135
UniProt ID:	Q9BUR5
Cytogenetics:	Xp22.11
Protein Families:	Secreted Protein, Transmembrane
MW:	22.3 kDa



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Gene Summary:

This gene is a member of the apolipoprotein family. Members of this protein family are involved in the transport and metabolism of lipids. The encoded protein associates with HDL, LDL and VLDL lipoproteins and is characterized by chondroitin-sulfate glycosylation. This protein may be involved in preventing lipid accumulation in the myocardium in obese and diabetic patients. Alternative splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 3, 4, 5, 12 and 16.[provided by RefSeq, Sep 2009]