

Product datasheet for **MR205662L4V**

Apoa5 (NM_080434) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Apoa5 (NM_080434) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Apoa5
Synonyms:	1300007O05Rik; Apoav; RAP3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_080434
ORF Size:	1104 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR205662).
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_080434.3
RefSeq Size:	2321 bp
RefSeq ORF:	1107 bp
Locus ID:	66113
UniProt ID:	Q8C7G5
Cytogenetics:	9 A5.2



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Gene Summary:

Minor apolipoprotein mainly associated with HDL and to a lesser extent with VLDL. May also be associated with chylomicrons. Important determinant of plasma triglyceride (TG) levels by both being a potent stimulator of apo-CII lipoprotein lipase (LPL) TG hydrolysis and an inhibitor of the hepatic VLDL-TG production rate (without affecting the VLDL-apoB production rate). Activates poorly lecithin:cholesterol acyltransferase (LCAT) and does not enhance efflux of cholesterol from macrophages (By similarity).[UniProtKB/Swiss-Prot Function]