

Product datasheet for **MR220526L3V**

Apoa2 (NM_013474) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Apoa2 (NM_013474) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Apoa2
Synonyms:	A; Al; Alp-2; Ap; Apo-All; Apoa-2; ApoA-II; ApoAll; Hdl-; Hdl-1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_013474
ORF Size:	309 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR220526).
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_013474.2 , NP_038502.2
RefSeq Size:	521 bp
RefSeq ORF:	309 bp
Locus ID:	11807
UniProt ID:	P09813
Cytogenetics:	1 79.22 cM



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Gene Summary:

This gene encodes a component of high density lipoproteins (HDL). Mice lacking the encoded protein have low HDL-cholesterol levels, smaller HDL particles, increased clearance of triglyceride-rich lipoproteins and insulin hypersensitivity. Transgenic mice overexpressing the encoded protein have elevated levels of HDL-cholesterol and show increased susceptibility to atherosclerosis. Alternative splicing of this gene results in multiple variants. [provided by RefSeq, Mar 2015]