

Product datasheet for **RR205428L4V**

Scarb1 (NM_031541) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Scarb1 (NM_031541) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Scarb1
Synonyms:	Cd36l1; SR-B1; Srb1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_031541
ORF Size:	1527 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR205428).
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_031541.1 , NP_113729.1
RefSeq Size:	2497 bp
RefSeq ORF:	1530 bp
Locus ID:	25073
UniProt ID:	P97943
Cytogenetics:	12q15



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Gene Summary:

Receptor for different ligands such as phospholipids, cholesterol ester, lipoproteins, phosphatidylserine and apoptotic cells. Receptor for HDL, mediating selective uptake of cholesteryl ether and HDL-dependent cholesterol efflux. Also facilitates the flux of free and esterified cholesterol between the cell surface and apoB-containing lipoproteins and modified lipoproteins, although less efficiently than HDL. May be involved in the phagocytosis of apoptotic cells, via its phosphatidylserine binding activity.[UniProtKB/Swiss-Prot Function]