

Product datasheet for **RN205428**

Scarb1 (NM_031541) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Scarb1 (NM_031541) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Scarb1
Synonyms:	Cd36l1; SR-B1; Srb1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN205428 representing NM_031541
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGCGTCAGCTCCAGGGCACGCTGGGTGGCCTTGGGGCTGGGGCTTCTAGGGCTGCTGTGTGCTGCGC
TCGGCGTTATCATGATTCTCATGGTGCCCTCGCTCATCAAGCAGCAGGTGCTCAAGAATGTCGCATAGA
CCCCAGCAGCCTGTCTTTGGGATGTGGAAGGAGATCCCTGTTCCCTTCTACTTGTCCGTACTTCTTTC
GAGGTGGTCAACCCAGCGAGGTCTAAATGGCCAGAAGCCAGTAGTCCGGGAGCGCGGACCCTATGTCT
ACAGGGAGTTCAGACAAAAGTTAACATCACCTTCAATGACAATGACACGGTGTCTACATAGAGAACC
AAGCCTTCGTTTCCAGCCAGACAGGTCCCAGGGCTCAGAGAGTACTACATTGTACTGCCTAACATCCTG
GTCCTGGGAGGGCAGTATGATGGAGGACAAGCCACAAGCCTGAAGCTGCTAATGACCTTGGGGTTGG
TCACCATGGGCCAGCGGCCCTTTATGAACCGCACGGTTGGTGGATCCTGTGGGGCTACGAAGATCCCTT
TGTGAATTTCTCAGCAAATATTTCCAGACATGTTCCCATCAAAGGCAAATTTGGCCTGTTGTTGGG
ATGAACGACTCGATTCTGGCGTCTTCCAGCTTTCACAGGTGTCCAGAAATTCAGCAAGATCCATCTGG
TGATAAGTGGAAACGGCCTCAGCGAGGTCAACTATTGGCATTTCGGAACAGTGCAACATGATCAATGGTAC
TGCCGGGCAGATGGGCACCATTCATGACACCCGAATCCTCACTGGAATTTCTCAGCCCAGAAGCCTGC
AGATCTATGAAGCTCACCTACCAGGAATCAAGGGTGTTCGAAGGCATCCCCACTTATCGCTTACGGCCC
CCGATACTTTGTTGCCAACGGGTCCGTCTACCCACCTAATGAAGGCTTCTGCCGTGCCGCGAGTCCGG
CATTGAGAATGTCAGCACCTGCAGGTTTGGTGCGCCCTGTTTCTCTCCAGCCCCTTCTACAATGCT
GACCCCGTGTGTGAGAAGCTGTTCTTGGTCTGAACCTGACCCAAAGGAGCATTCTTGTTCCTAGACA
TCCACCCGGTCACTGGGATCCCCATGAACTGTTCCGTGAAGATGCAGCTGAGTCTGTACATCAAATCCGT
CAAGGGCGTCCGGCAAACAGGGAAGATCGAGCCAGTAGTCTGCCATTGCTGTGGTTTCGAACAGAGCGGG
ATGATGGTGGCAAGACCCTGAACACGTTCTACACGCAGCTGGTCTGATGCCCCAGGTTCTTCACTACG
CGCAGTATGTGCTGCTGGGGCTTGGAGGCTCCTGCTTCTGGTGCCTCATTTTACCAACTGCGCAGCCA
GGAGAAATGCTTTTTATTTGGAGTGGTAGTAAAAAGGGCTCGCAGGATAAGGAGGCCATGCAGGCTAC
TCTGAGTCTGTATGTCACCAGTCCAAAGGGCACGGTACTGCAAGAAGCCAAGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1715_g07.zip

Restriction Sites: SgfI-MluI

ACCN: NM_031541

Insert Size: 1530 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_031541.1](#), [NP_113729.1](#)

RefSeq Size: 2497 bp

RefSeq ORF: 1530 bp

Locus ID: 25073

UniProt ID: [P97943](#)

Cytogenetics: 12q15

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]