

## Product datasheet for **MC228083**

### Scarb1 (NM\_001205082) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Scarb1 (NM_001205082) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Scarb1
Synonyms:	AI120173; CD36; Cd36l1; Chohd1; Cla-1; Cla1; D5Ertd460e; Hdlq1; Hlb398; mSR-BI; SR-B1; SR-BI
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >MC228083 representing NM\_001205082  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGGCGGCAGCTCCAGGGCGCGCTGGGTGGCCTTGGGGTTGGGCGCCCTGGGGCTGCTGTTTGCTGCGC  
 TCGGCGTTGTGATGATCCTCATGGTGCCCTCCCTCATCAAGCAGCAGGTGCTCAAGAATGCCGCATAGA  
 CCCGAGCAGCCTGTCCTTCGGGATGTGGAAGGAGATCCCCGTCCCTTTCTACTTGTCTGTCTACTTCTTC  
 GAAGTGGTCAACCCAAACGAGGTCCTCAACGGCCAGAAGCCAGTAGTCCGGGAGCGTGGACCCTATGTCT  
 ACAGGGAGTTCAGACAAAAGGTCAACATCACCTTCAATGACAACGACACCGTGTCTTCGTGGAGAACC  
 CAGCCTCCATTTCCAGCCTGACAAGTCGCATGGCTCAGAGAGTGACTACATTGTACTGCCTAACATCTTG  
 GTCCTGGGGGCTCGATATTGATGGAGAGCAAGCCTGTGAGCCTGAAGCTGATGATGACCTTGGCGCTGG  
 TCACCATGGGCCAGCGTCTTTTATGAACCGCACAGTTGGTGAGATCCTGTGGGGCTATGACGATCCCTT  
 CGTGCATTTTCTCAACACGTACCTCCAGACATGCTTCCATAAAGGGCAAATTTGGCCTGTTTGTGGG  
 ATGAACAACCTCGAATTCGGGGTCTTCACTGTCTTACGGGCGTCCAGAATTTCCAGCAGGATCCATCTGG  
 TGGACAAATGGAACGGACTCAGCAAGATCGATTATTGGCATTGAGCAGTGAACATGATCAATGGGAC  
 TTCCGGGCAGATGTGGGCACCCTTCATGACACCCGAATCCTCGCTGGAATTTCCAGCCCGGAGGCATGC  
 AGGTCCATGAAGCTGACCTACAACGAATCAAGGGTGTGTAAGGCATTCCACGATCGCTTACGGCCC  
 CCGATACTCTGTTTGCCAAACGGGTCCGTCTACCCACCAACGAAGGCTTCTGCCCATGCCGAGAGTCTGG  
 CATTGAGAATGTCAGCACCTGCAGGTTTGGTGCGCCTCTGTTTCTCTCCACCCCACTTTTACAACGCC  
 GACCCTGTGTTGTGAGAAGCTGTTCTTGGTCTGAACCCTAACCCAAAGGAGCATTCTTGTTCCTAGACA  
 TCCATCCGGTCACTGGGATCCCCATGAACTGTTCTGTGAAGATGCAGCTGAGCCTACATCAAATCTGT  
 CAAGGGCATCGGGCAAACAGGGAAGATCGAGCCAGTAGTTCTGCCGTTGCTGTGGTTCGAACAGAGCGGA  
 GCAATGGGTGGCAAGCCCTGAGCACGTTCTACACGCAGCTGGTCTGATGCCCCAGGTTCTTCACTACG  
 CGCAGTATGTGCTGCTGGGGCTTGGAGGCTCCTGTTGCTGGTGGCCATCATCTGCCAACTGCGCAGCCA  
 GGGTCTGAAGACACTATAAGCCCCCAAACCTGATAGCTTGGTCAGACCAGCCACCCAGTCCCTACACC  
 CCGCTTCTGAGGACTCTCAGCGGACAGCCACCAGTGCCATGGCC**TGA**

**ACGCGT**ACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_001205082
- Insert Size:** 1521 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001205082.1</a></u> , <u><a href="#">NP_001192011.1</a></u>
<b>RefSeq Size:</b>	2405 bp
<b>RefSeq ORF:</b>	1521 bp
<b>Locus ID:</b>	20778
<b>UniProt ID:</b>	<u><a href="#">Q61009</a></u>
<b>Cytogenetics:</b>	5 G1.1
<b>Gene Summary:</b>	<p>Receptor for different ligands such as phospholipids, cholesterol ester, lipoproteins, phosphatidylserine and apoptotic cells (By similarity). Both isoform 1 and isoform 2 act as receptors for HDL, mediating selective uptake of cholesteryl ether and HDL-dependent cholesterol efflux (PubMed:9254074, PubMed:9614139). 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 (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks the penultimate exon compared to variant 1. This results in a frame-shift, and a shorter isoform (2) with a distinct C-terminus compared to isoform 1.</p>