

## Product datasheet for **RN210060**

### Scarb2 (NM\_054001) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Scarb2 (NM_054001) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Scarb2
Synonyms:	Cd36l2; LGP85; LimpII
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN210060 representing NM\_054001  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCCCCGATGCTGCTTCTACACGGCGGGGACACTGTCTCTGCTGCTGCTGGTGACCAGTGTACGCTGC  
 TAGTGGCTCGAGTCTTTCAGAAGGCAGTGGACCAGACGATCGAGAAGAATATGGTATTACAAAATGGTAC  
 CAAGGTCTTTGATTCTGGGAGAAGCCCCCTCTACCTGTGTACATCCAGTTTTATTTCTCAATGTCACC  
 AATCCAGAGGAGATCCTCCAAGGAGAAATCCCCCTGCTAGAAGAAGTGGGGCCGTACACCTACAGGGAGC  
 TCAGGAACAAGGCAAACGTTTCAGTTTGGAGAAAATGGAACAACCATATCTGCCGTACCAATAAGGCATA  
 TATTTTGAACGAAACCAGTCTGTTGGAGACCCTACCGTTGACTTGATTAGAACAATAAATATTCCTCTG  
 TTGACTGTTGTGAAATGGCCAGCAGCCCTTCTCAGGGAGATCATCGAGGCCATGCTGAAAGCTTATC  
 AGCAGACGCTGTTTGTCACTCACACTGTACATGAAGTCTCTGGGGCTACAAAGATGAGGTCTTGTGCT  
 CGTCCATATTTTCAGACCTGACGCTCCCCTAACTTTGGCCTGTTCTATGAGAGAATGGAACATAATGAT  
 GGGGAGATGTTTTCTGACTGGAGAGGACAATTACCTGAACTTTACAAAATTTGGAGTGGAAATGGAA  
 AAACGTCGCTGGACTGGTGGACGACGGACAGTGAATATGATCAACGGGACAGACGGAGATTCTTTTCA  
 CCCATTAATAAGCAAGGATGAGACCCTGTACATCTCCCATCTGACTTCTGCAGGTCGGTCTATATAACT  
 TTCAGTAGCTTTGAGAACGTAGAAGGACTGCCTGCTTTTCGGTATAAGGTGCCTGCAGAAATACTAGCCA  
 ATTCCTCCGAAAACGCTGGCTTCTGTATACCCGAGGAAACTGCATGGACGCGGGAGTGTGAACGTCAG  
 CATTTGCAAGAATGGTGCGCCATTATCATGTCTTTCCACACTTTTACCAAGCCGACGAGAAGTTCTGTT  
 TCGGCCATAAAAGGCATGCGTCCAAACAAGGAAGAACATGAGTCATTTGTGGACATTAATCCTTTGACAG  
 GAATTTTTTAAGAGGGGCAAGAGATTCCAAATCAACACGTACGTTAAGAAGCTGGATGACTTTTGTGGA  
 AACGGGAAACATTAGGACTATGGTTTTCCAGTGATGTATCTCAATGAGAGTGTCTCATTGACAAAGAG  
 ACTGCAAGTCAACTGAAGTCTGTGATTAACACAACCTTTGATTGTACCAACATACCCTACATCATATGG  
 CACTGGCGTGTCTTTGGCTTGTATTTTACGTGGCTGGCGTGTGAGGACAGGGGTCTACGGATGAGGG  
 AACTGCAGATGAAAGGGCACCCCTCATACGGAC**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_054001

**Insert Size:** 1437 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

<b>Components:</b>	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_054001.2</a></u> , <u><a href="#">NP_446453.1</a></u>
<b>RefSeq Size:</b>	2070 bp
<b>RefSeq ORF:</b>	1437 bp
<b>Locus ID:</b>	117106
<b>UniProt ID:</b>	<u><a href="#">P27615</a></u>
<b>Cytogenetics:</b>	14p22
<b>Gene Summary:</b>	lysosomal membrane protein; may be involved in cell adhesion [RGD, Feb 2006]