

# Recombinant Human SCARB1 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** SCARB1-4742H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| <b>Product Overview</b> | SCARB1 MS Standard C13 and N15-labeled recombinant protein (NP_005496) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>      | The protein encoded by this gene is a plasma membrane receptor for high density lipoprotein cholesterol (HDL). The encoded protein mediates cholesterol transfer to and from HDL. In addition, this protein is a receptor for hepatitis C virus glycoprotein E2. Several transcript variants encoding different isoforms have been found for this gene.                                                                                                                                                                  |
| <b>Molecular Mass</b>   | 56.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | <p>MGCSAKARWAAGALGVAGLLCAVLGAVMIVMVPSLIKQQVLKNVRIDPSSLSFNMW<br/> KEIPIPFYLSVYFFDVMNPSEILKGEKPQVRERGPYVYREFRHKSNITFNNNDTVSFL<br/> EYRTFQFQPSKSHGSESDYIVMPNILVLGAAMMENKPMTLKLIMTLAFTTLGERAF<br/> MNRTVGEIMWGYKDPLVNLINKYFPGMFPEKDKFGLFAELNNSDSGLFTVFTGVQNI<br/> SRIHLVDKWNGLSKVDFWHSQCNMINTSGQMWPFFMTPESSLEFYSPACRSM<br/> KLMYKESGVFEGIPTYRFVAPKTLFANGSIYPPNEGFCPCLESIGQNVSTCRFSAPLF<br/> LSHPHFLNADPVLAEAVTGLHPNQEAHSLFLDIHPVTGIPMNC SVKLQLSLYMK SVA<br/> GIGQTGKIEPVVLP LLWFAESGAMEGETLHTFYTQLVLM PKVMHYAQYVLLALGCVL</p> |

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LLVPVICQIRSQEKCYLFWSSSKKGSKDKEAIQAYSESLMTSAPKGSVLQEAKLTRT  
RPLEQKLISEEDLAANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** SCARB1 scavenger receptor class B member 1 [ Homo sapiens (human) ]

**Official Symbol** SCARB1

**Synonyms** SCARB1; scavenger receptor class B, member 1; CD36 antigen (collagen type I receptor, thrombospondin receptor) like 1, CD36L1; scavenger receptor class B member 1; CLA 1; CLA1; SR BI; SRB1; CD36 and LIMPII analogous 1; scavenger receptor class B type III; CD36 antigen (collagen type I receptor, thrombospondin receptor)-like 1; CLA-1; SR-BI; CD36L1; HDLQTL6; MGC138242;

**Gene ID** 949

**mRNA Refseq** NM\_005505

**Protein Refseq** NP\_005496

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| MIM | 601040 |
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| UniProt ID | Q8WTV0 |
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