

## Recombinant Human SCARB1 Protein, Fc-tagged

Cat. No. SCARB1-436H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human SCARB1 protein with Fc tag was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	552
<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 and facilitates cell entry by the virus, SARS-CoV2.
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	72.6 kDa
<b>AA Sequence</b>	<p>MGCSAKARWAAGALGVAGLLCAVLGAVMIVMVP SLIKQQVLKNVRIDPSSLSFNMW  KEIPIPFYLSVYFFDVMNPSEILKGEKPQVRERGPYVYREFRHKSNITFNNNDTVSFL  EYRTFQFQPSKSHGSESDYIVMPNILVLGAAVM MENKPM TLKLIMTLAFTTLGERAF  MNRTVGEIMWGYKDPLVNLINKYFPGMF PFKDKFGLFAELNNSDSGLFTVFTGVQNI  SRIHLVDKWNGLSKVDFWHS DQC NMINGTSGQM WPPFMTPESSLEFYSPEACRSM  KLMYKESGVFEGIPTYRFVAPKTLFANGSIYPPNEGFCPCLESGIQNVSTCRFSAPLF  LSHPHFLNADPVLAEAVTGLHPNQEASLFLDIHPVTGIPMNCSVKLQLSLYMKSWA  GIGQTGKIEPVVLP LLWFAESGAMEGETLHTFYTQLV LMPKVMHYAQYVLLALGCVL</p>

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LLVPVICQIRSQVGAGQRAARADSHSLACWKGKASDRTLWPTAAWSPPPAAVLRLC  
RSGSGHCWGLRSTLASFACRVATLTPVLEGLGPSLGGGTGS

**Purity** > 98%

**Applications** WB; ELISA; FACS; FC

**Stability** This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.

**Storage** At -20 centigrade.

**Concentration** 1 mg/mL

**Storage Buffer** PBS (pH 7.4-7.5). Sterile-filtered colorless solution.

**Reconstitution** Reconstitute in sterile distilled H<sub>2</sub>O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

## 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

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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\_001082959

**Protein Refseq**

NP\_001076428

**MIM**

601040

**UniProt ID**

Q8WTV0

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