

Recombinant Human SCARB1 Protein, Fc-tagged

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

SPECIFICATION

Product Overview	Recombinant human SCARB1 protein with Fc tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	552
Description	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.
Form	Lyophilized
Molecular Mass	72.6 kDa
AA Sequence	MGCSAKARWAAGALGVAGLLCAVLGAVMIVMVP SLIKQQVLKNVRIDPSSLSFNMW KEIPIPFYLSVYFFDVMNPSEILKGEKPQVRERGPYVYREFRHKSNITFNNNDTVSFL EYRTFQFQPSKSHGSESDYIVMPNILVLGAAVM MENKPM TLKLIMTLAFTTLGERAF MNRTVGEIMWGYKDPLVNLINKYFPGMF PFKDKFGLFAELNNSDSGLFTVFTGVQNI SRIHLVDKWNGLSKVDFWHS DQCNMINGTSGQM WPPFMTPESSLEFYSPEACRSM KLMYKESGVFEGIPTYRFVAPKTLFANGSIYPPNEGFCPCLES GIQNVSTCRFSAPLF LSHPHFLNADPVLAEAVTGLHPNQE AHSFLDIHPVTGIPMNCSVKLQLSLYMK SVA GIGQTGKIEPVVLP LLWFAESGAMEGETLHTFYTQLVLMPKVMHYAQYVLLALGCVL

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	LLVPVICQIRSQVGAGQRAARADSHSLACWGKGASDRTLWPTAAWSPPPAAVLRLC RSGSGHCWGLRSTLASFACRVATTLPVLEGLGPSLGGGTGS
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 H2O 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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