

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

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

SPECIFICATION

Product Overview	SCARB1 MS Standard C13 and N15-labeled recombinant protein (NP_005496) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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. Several transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	56.8 kDa
AA Sequence	<p>MGCSAKARWAAGALGVAGLLCAVLGAVMIVMVP SLIKQQVLKNVRIDPSSLSFNMW KEIPIPFYLSVYFFDVMNPSEILKGEKPQVRERGPYVYREFRHKSNITFNNNDTVSFL EYRTFQFQPSKSHGSESDYIVMPNILVLGAAVM MENKPM TLKLIMTLAFTTLGERAF MNRTVGEIMWGYKDPLVNLINKYFPGMF PFKDKFGLFAELNNSDSGLFTVFTGVQNI SRIHLVDKWNGLSKVDFWHS DQC NMINGTSGQM WPPFMTPESSLEFY SPEACRSM KLMYKESGVFEGIPTYRFVAPKTLFANGSIYPPNEGFCPCLESGIQNVSTCRFSAPLF LSHPHFLNADPVLAEAVTGLHPNQE AHSFLDIHPVTGIPMNCSVKLQLSLYMK SVA GIGQTGKIEPVV LPLLWFAESGAMEGETLHTFY TQLV LMPKVMHYAQYVLLALGCVL</p>

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LLVPVICQIRSQEKCYLEFWSSSKKGSKDKEAIQAYSESLMTSAPKGSVLQEAKLTRT
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

UniProt ID Q8WTV0

SDS-PAGE



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