

SCARB1 protein

Human SCARB1 full length protein-synthetic nanodisc

CATALOG # AAA47628	HOST HEK293
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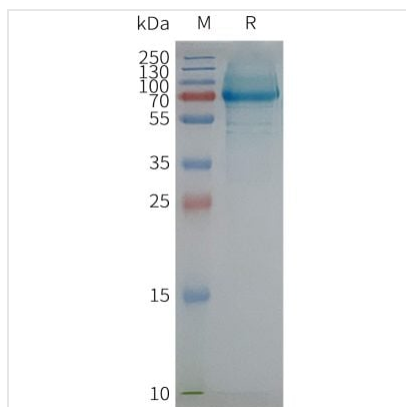
PRODUCT SYNONYMS

SCARB1; Human SCARB1 full length protein-synthetic nanodisc; CD36L1; CLA-1; CLA1; HDLQTL6; SR-BI; SRB1; SCARB1 protein

PRODUCT SPECIFICATIONS

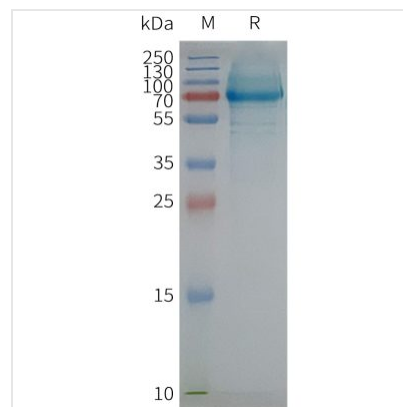
Host	HEK293
Form/Format	Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
Preparation and Storage	Store at -20 degree C to -80 degree C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 degree C (Avoid repeated freezing and thawing).

IMAGES



SDS-PAGE

Figure1. Elisa plates were pre-coated with DYKDDDDK Tag SCARB1-Nanodisc (0.2ug/per well). Serial diluted anti-DYKDDDDK monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-DYKDDDDK monoclonal antibody binding with SCARB1-Nanodisc is 8.388ng/ml.



ELISA

Figure1. Elisa plates were pre-coated with DYKDDDDK Tag SCARB1-Nanodisc (0.2ug/per well). Serial diluted anti-DYKDDDDK monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-DYKDDDDK monoclonal antibody binding with SCARB1-Nanodisc is 8.388ng/ml.

ADDITIONAL INFORMATION

Related Product Information for SCARB1 protein	The protein 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.
Product Categories/Family for SCARB1 protein	FLP 489; Full Length Transmembrane Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	37999904
NCBI GeneID	949

UniProt Accession #	Q8WTV0 ; Q14016 ; Q52LZ5 ; Q6KFX4 ; F8W8N0
Molecular Weight	552
NCBI Official Full Name	Scavenger receptor class B member 1
NCBI Official Synonym Full Names	scavenger receptor class B, member 1
NCBI Official Symbol	SCARB1
NCBI Official Synonym Symbols	CLA1; SRB1; CLA-1; SR-BI; CD36L1; HDLQTL6
NCBI Protein Information	scavenger receptor class B member 1; CD36 and LIMP2I1 analogous 1; scavenger receptor class B type III; CD36 antigen (collagen type I receptor, thrombospondin receptor)-like 1
UniProt Protein Name	Scavenger receptor class B member 1
UniProt Gene Name	SCARB1
UniProt Synonym Gene Names	CD36L1; CLA1; SRB1; CLA-1
UniProt Entry Name	SCRB1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/hek293-protein/scarb1/47628>