

Active Recombinant Human SCARB1 protein, Fc-His-tagged

Cat. No. SCARB1-846H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human SCARB1 protein(NP_005496.4)(Pro 33-Tyr 443) was expressed in HEK293, fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	33-443 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	1. Measured by its ability to bind recombinant mouse ApoAI in a functional ELISA. 2. Measured by its ability to bind recombinant Human ApoAI in a functional ELISA.
Molecular Mass	The recombinant human SCARB1/Fc is a disulfide-linked homodimer. The reduced monomer consists of 659 amino acids and has a predicted molecular mass of 78 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhSCARB1/Fc monomer is approximately 110-115 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 98 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to

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aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

protein Refseq-Weblink

http://www.ncbi.nlm.nih.gov/protein/NP_001076428.1

Unit ID

Q8WTV0

Unit ID-Weblink

<https://www.uniprot.org/uniprotkb/Q8WTV0>

GENE INFORMATION

Gene Name

SCARB1 scavenger receptor class B, member 1 [Homo sapiens]

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 LIMP2 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_001082959

protein Refseq

NP_001076428

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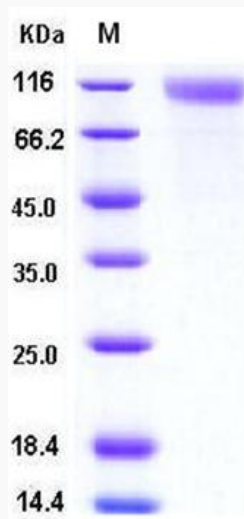
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MIM

601040

SDS-PAGE



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