

## Recombinant Human SCARB2 protein, Fc-tagged

**Cat. No.** SCARB2-323H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SCARB2 protein (Arg27-Thr432), fused to human IgG1 Fc tag at C-terminus, was expressed in human 293 cells (HEK293).                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | 406                                                                                                                                                                                                                                                                                                        |
| <b>Description</b>      | Scavenger receptor class B member 2 (SCARB2) is also known as Lysosome membrane protein 2 (LIMP2), 85 kDa lysosomal membrane sialoglycoprotein (LGP85), CD36 antigen-like 2 (CD36L2, LIMP2), which belongs to the CD36 family. SCARB2 acts as a lysosomal receptor for glucosylceramidase (GBA) targeting. |
| <b>Form</b>             | Lyophilized from 0.22 um filtered solution in 50 mM Tris, 100 mM Glycine, pH7.5, 10% trehalose.                                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | The protein has a calculated MW of 72.5 kDa. The protein migrates as 90-115 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.                                                                                                                                                              |
| <b>Endotoxin</b>        | Less than 1.0 EU per ug by the LAL method.                                                                                                                                                                                                                                                                 |
| <b>Purity</b>           | >95% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                            |
| <b>Storage</b>          | For long term storage, the product should be stored at lyophilized state at -20                                                                                                                                                                                                                            |

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centigrade or lower.  
 Please avoid repeated freeze-thaw cycles.  
 This product is stable after storage at:  
 -20 centigrade to -70 centigrade for 12 months in lyophilized state;  
 -70 centigrade for 3 months under sterile conditions after reconstitution.

**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.

**GENE INFORMATION**

**Gene Name** [SCARB2](#)

**Official Symbol** [SCARB2](#)

**Synonyms**

SCARB2; scavenger receptor class B, member 2; CD36 antigen (collagen type I receptor, thrombospondin receptor) like 2 (lysosomal integral membrane protein II) , CD36L2; lysosome membrane protein 2; HLGP85; LIMP 2; LIMP2; SR BII; LIMP II; CD36 antigen-like 2; lysosome membrane protein II; 85 kDa lysosomal membrane sialoglycoprotein; 85 kDa lysosomal sialoglycoprotein scavenger receptor class B, member 2; CD36 antigen (collagen type I receptor, thrombospondin receptor)-like 2 (lysosomal integral membrane protein II); AMRF; EPM4; LGP85; CD36L2; LIMP-2; SR-BII

**Gene ID** [950](#)

**mRNA Refseq** [NM\\_001204255](#)

**Protein Refseq** [NP\\_001191184](#)

**MIM** [602257](#)

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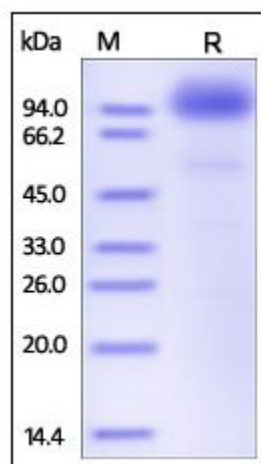
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UniProt ID

Q14108

SDS-PAGE of  
SCARB2-323H



Human SCARB2, Fc Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

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