



## Synonym

SCARB2,CD36L2,LIMP2,LIMPII

## Source

Human SCARB2, Fc Tag(SC2-H5250) is expressed from human 293 cells (HEK293). It contains AA Arg 27 - Thr 432 (Accession # [AAH21892](#)).

Predicted N-terminus: Arg 27

## Molecular Characterization

SCARB2(Arg 27 - Thr 432) AAH21892	Fc(Glu 99 - Lys 330) P01857
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This protein carries a human IgG1 Fc tag at the C-terminus.

The protein has a calculated MW of 72.6 kDa. The protein migrates as 90-115 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

## Endotoxin

Less than 1.0 EU per  $\mu$ g by the LAL method.

## Purity

>95% as determined by SDS-PAGE.

## Formulation

Lyophilized from 0.22  $\mu$ m filtered solution in 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5 with trehalose as protectant.

Contact us for customized product form or formulation.

## Reconstitution

Please see Certificate of Analysis for specific instructions.

*For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.*

## Storage

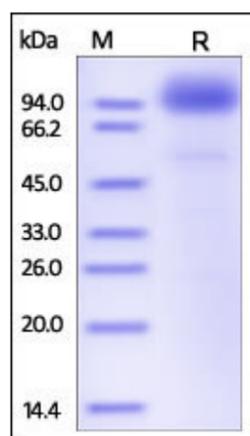
For long term storage, the product should be stored at lyophilized state at  $-20^{\circ}\text{C}$  or lower.

*Please avoid repeated freeze-thaw cycles.*

This product is stable after storage at:

- $-20^{\circ}\text{C}$  to  $-70^{\circ}\text{C}$  for 12 months in lyophilized state;
- $-70^{\circ}\text{C}$  for 3 months under sterile conditions after reconstitution.

## SDS-PAGE

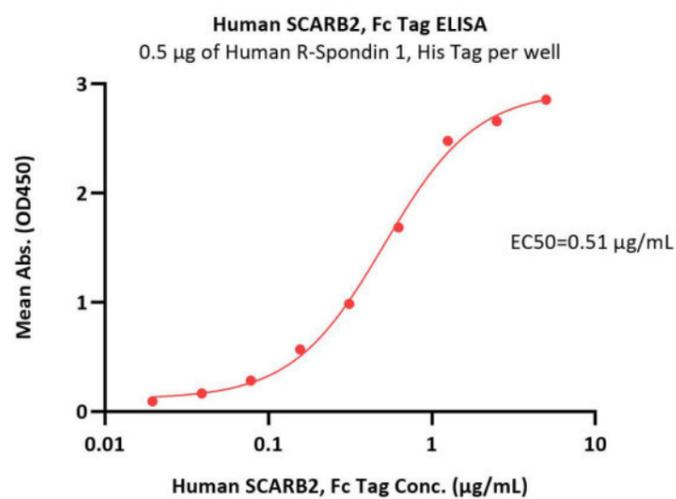


Human SCARB2, Fc Tag on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%.

## Bioactivity-ELISA

Discounts, Gifts,  
and more!





Immobilized Human R-Spondin 1, His Tag (Cat. No. RS1-H4221) at 5 µg/mL (100 µL/well) can bind Human SCARB2, Fc Tag (Cat. No. SC2-H5250) with a linear range of 0.02-1.25 µg/mL (Routinely tested).

## Background

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.

## Clinical and Translational Updates

Please contact us via [TechSupport@acrobiosystems.com](mailto:TechSupport@acrobiosystems.com) if you have any question on this product.

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