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Datasheet for ABIN7504535  
**SCARB1 Protein (AA 33-443) (His tag)**

### Overview

Quantity:	100 µg
Target:	SCARB1
Protein Characteristics:	AA 33-443
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SCARB1 protein is labelled with His tag.

### Product Details

Purpose:	Human SR-BI/SCARB1 Protein
Sequence:	Pro33-Tyr443
Characteristics:	Recombinant Human SR-BI/SCARB1 Protein is expressed from HEK293 with His tag at the C-terminus. It contains Pro33-Tyr443.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

### Target Details

Target:	SCARB1
Alternative Name:	SR-BI ( <a href="#">SCARB1 Products</a> )

## Target Details

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**Background:** The scavenger receptor class B member 1 (SR-B1 or Scarb1) is a glycosylated cell surface receptor for high density lipoproteins (HDL), oxidized low density lipoproteins (OxLDL), and phosphocholine-containing oxidized phospholipids (PC-OxPLs). Scarb1 is expressed in macrophages and has been shown to have both pro- and anti-atherogenic properties.

**Molecular Weight:** 47.76 kDa. Due to glycosylation, the protein migrates to 70-90 kDa based on Tris-Bis PAGE result.

**Pathways:** [Cellular Response to Molecule of Bacterial Origin](#), [Hepatitis C](#), [Lipid Metabolism](#), [SARS-CoV-2 Protein Interactome](#)

## Application Details

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**Restrictions:** For Research Use only

## Handling

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**Format:** Lyophilized

**Reconstitution:** Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

**Buffer:** Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.

**Storage:** -20 °C, -80 °C

**Storage Comment:** -20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

**Expiry Date:** 12 months