Datasheet for ABIN2566909

# SCARB1 Protein (Fc Tag)

Go to Product page

## Overview

| | |
|---|---|
| Quantity: | 0.05 mg |
| Target: | SCARB1 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Biological Activity: | Active |
| Purification tag / Conjugate: | This SCARB1 protein is labelled with Fc Tag. |
| Application: | Western Blotting (WB), ELISA |

## Product Details

| | |
|---|---|
| Characteristics: | Measured by its ability to bind recombinant Human ApoAI in a functional ELISA.<br>Fusion tag: C-Fc Tag |
| Purity: | >95 % as determined by SDS-PAGE. |

## Target Details

| | |
|---|---|
| Target: | SCARB1 |
| Alternative Name: | SCARB1 (SCARB1 Products) |
| Background: | Scavenger receptor class B member 1 (SRB1) is also known as SR-BI, CD36 and LIMPII analogous 1 (CD36L1), CLA-1, is a member of the scavenger receptor family or CD36 family. CD36L1 is an integral membrane protein found in numerous cell types/tissues, including the liver and adrenal. SRB1 is receptor for different ligands such as phospholipids, cholesterol ester, |

## Target Details

| | |
|---|---|
| | lipoproteins, phosphatidylserine and apoptotic cells. CLA-1 facilitates the flux of free and esterified cholesterol between the cell surface and extracellular donors and acceptors, such as high-density lipoprotein (HDL) and to a lesser extent, apoB-containing lipoproteins and modified lipoproteins. SCARB1 is, along with CD81, the receptor for the entry of the Hepatitis C virus glycoprotein E2 in liver cells, and binding between SCARB1 and E2 was found to be independent of the genotype of the viral isolate. SRB1 plays an important role in the uptake of HDL cholesteryl ester. |
| Molecular Weight: | 72.6 kDa |
| Gene ID: | 949 |
| NCBI Accession: | NP_005496 |
| UniProt: | Q8WTV0 |
| Pathways: | Cellular Response to Molecule of Bacterial Origin, Hepatitis C, Lipid Metabolism, SARS-CoV-2 Protein Interactome |

## Application Details

| | |
|---|---|
| Application Notes: | This recombinant protein can be used for WB, ELISA. For research use only. |
| Restrictions: | For Research Use only |

## Handling

| | |
|---|---|
| Format: | Lyophilized |
| Buffer: | 50 mM tris, 100 mM glycine, pH 7.5 |
| Storage: | -80 °C,-20 °C |
| Storage Comment: | Lyophilized Protein should be stored at -20°C or lower for long term storage. Upon reconstitution, working aliquots should be stored at -20°C or -70°C. Avoid repeated freeze-thaw cycles. |