

## Product Details

### Summary

<b>Product name</b>	Recombinant Human SR-B1 protein
<b>Catalog#</b>	ATAP10734
<b>description</b>	Recombinant Human SR-B1 is produced by Mammalian cells expression system and the target gene encoding Pro33-Tyr443 is expressed with His Tag
<b>Expression system</b>	Mammalian cells
<b>Species</b>	Homo sapiens (Human)
<b>Accession #</b>	Q8WTV0
<b>Alternative names</b>	SCARB1,CD36L1,SRB1,CLA-1,SR-BI,HDLQTL6
<b>Predicted Molecular Mass</b>	46.67kDa
<b>Purity</b>	>90% as determined by SDS-PAGE
<b>Endotoxin level</b>	Please contact with the lab for this information
<b>Formulation</b>	Supplied as solution form in PBS, pH7.5 or lyophilized from PBS, pH7.5
<b>Shipping</b>	In general, proteins are shipped out with blue ice unless customers require otherwise.
<b>Stability &amp;Storage</b>	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 °C for one week . Store at -20 to -80 °C for twelve months from the date of receipt.
<b>Reconstitution</b>	Please refer to the instruction in the hard copy of COA.
<b>Application</b>	Immunogen

### 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, 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.





# ATAGENIX LABORATORIES

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## Note

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For research use only.

