

Recombinant Mouse Scarb1 Protein, Myc/DDK-tagged

Cat. No. Scarb1-5704M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length scavenger receptor class B, member 1 (Scarb1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Receptor for different ligands such as phospholipids, cholesterol ester, lipoproteins, phosphatidylserine and apoptotic cells. Both isoform 1 and isoform 2 act as receptors for HDL, mediating selective uptake of cholesteryl ether and HDL-dependent cholesterol efflux. Also facilitates the flux of free and esterified cholesterol between the cell surface and apoB-containing lipoproteins and modified lipoproteins, although less efficiently than HDL. May be involved in the phagocytosis of apoptotic cells, via its phosphatidylserine binding activity.
Molecular Mass	56.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Scarb1 scavenger receptor class B, member 1 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Scarb1](#)

Synonyms SCARB1; scavenger receptor class B, member 1; scavenger receptor class B member 1; HDL QTL 1; scavenger receptor class B1; scavenger receptor class B type I; CD36; Cla1; SRBI; Srb1; Cla-1; Hdlq1; SR-B1; SR-BI; Cd36l1; Hlb398; mSR-BI; AI120173; D5Ert460e

Gene ID [20778](#)

mRNA Refseq [NM_016741](#)

Protein Refseq [NP_058021](#)

UniProt ID [Q61009](#)

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