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Datasheet for ABIN7317675

**SCARB2 Protein (His tag,Fc Tag)**

## Overview

Quantity:	100 µg
Target:	SCARB2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This SCARB2 protein is labelled with His tag,Fc Tag.

## Product Details

Purpose:	Recombinant Human LIMP-2/LIMPII Protein (His & Fc Tag)(Active)
Sequence:	Arg 27-Thr 432
Characteristics:	A DNA sequence encoding the human SCARB2 (NP_005497.1) extracellular domain (Arg 27-Thr 432) was fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.
Biological Activity Comment:	Measured by its ability to bind recombinant human RSP01 in a functional ELISA.

## Target Details

Target:	SCARB2
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## Target Details

Alternative Name:	LIMP-2/LIMP2 (SCARB2 Products)
Background:	<p>Background: Lysosomal Integral Membrane Protein II (LIMP2), also known as SCARB2, LPG85, and CD36L2, is a type I II multi-pass membrane glycoprotein that is located primarily in limiting membranes of lysosomes and endosomes on all tissues and cell types so far examined. This protein may participate in membrane transportation and the reorganization of endosomal/lysosomal compartment. LIMP2 is identified as a receptor for EV71 (human enterovirus species A, Enterovirus 71) and CVA16 (coxsackievirus A16) which are most frequently associated with hand, foot and mouth disease (HFMD). Expression of human LIMP2 enables normally unsuspensible cell lines to support the viruses' propagation and develop cytopathic effects. In addition, LIMP2 also has been shown to bind thrombospondin-1, may contribute to the pro-adhesive changes of activated platelets during coagulation, and inflammation. Deficiency of the protein in mice impairs cell membrane transport processes and causes pelvic junction obstruction, deafness, and peripheral neuropathy.</p> <p>Synonym: Lysosome Membrane Protein 2; 85 kDa Lysosomal Membrane Sialoglycoprotein; LPG85; CD36 Antigen-Like 2; Lysosome Membrane Protein II; LIMP II; Scavenger Receptor Class B Member 2; CD36; SCARB2; CD36L2; LIMP2;AMRF;CD36L2;EPM4;HLGP85;LGP85;SR-BII</p>
Molecular Weight:	74.4 kDa
NCBI Accession:	<a href="#">NP_005497</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile PBS, pH 7.4
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	<p>Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.</p> <p>Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at &lt; -20°C for 3 months.</p>