

Human CellExp SCARB2 /CD36L2 /LIMP2, human recombinant protein
SCARB2, CD36L2, LIMP2, LIMPII, LGP85, CD36, AMRF, EPM4, HLGP85, SR-BII
Catalog # PBV11128r

Specification

Human CellExp SCARB2 /CD36L2 /LIMP2, human recombinant protein - Product info

Primary Accession
Calculated MW

[Q14108](#)

This protein fused with Fc fragment of human IgG1 at the C-terminus, has a calculated MW of 72.5 kDa. The predicted N-terminus is Arg 27. DTT-reduced Protein migrates as 90-115 kDa due to glycosylation. KDa

Human CellExp SCARB2 /CD36L2 /LIMP2, human recombinant protein - Additional Info

Gene ID
Gene Symbol

950
SCARB2

Other Names

SCARB2, CD36L2, LIMP2, LIMPII, LGP85, CD36, AMRF, EPM4, HLGP85, SR-BII

Gene Source
Source
Assay&Purity
Assay2&Purity2
Recombinant
Results

Human
HEK293 cells
SDS-PAGE; ≥95%
N/A;
Yes
Measured by its binding ability in a functional ELISA. Immobilized rh SCARB2 / CD36L2/ LIMP2 Fc Chimera at 5 µg/ml (100 µl/well) can bind rhTSP-2/His with a linear range of 0.1 - 5 µg/ml.

Target/Specificity
SCARB2 /CD36L2 /LIMP2

Application Notes

Centrifuge the vial prior to opening. Reconstitute in PBS, pH 7.4. Do not vortex.

Format
Lyophilized

Storage
-20°C; Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM glycine, pH 7.5. Normally Mannitol or Trehalose are added as protectants before lyophilization.

Human CellExp SCARB2 /CD36L2 /LIMP2, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Human CellExp SCARB2 /CD36L2 /LIMP2, human recombinant protein - Images

Human CellExp SCARB2 /CD36L2 /LIMP2, human recombinant protein - Background

Scavenger receptor class B member 2 (SCARB2) is also known as Lysosome membrane protein 2 (LIMP2), 85 kDa lysosomal membrane sialoglycoprotein (LGP85), CD36 antigen-like 2 (CD36L2, LIMP2), which belongs to the CD36 family. SCARB2 acts as a lysosomal receptor for glucosylceramidase (GBA) targeting. It 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 unsusceptible 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.

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Kalnine N., et al. Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. Nat. Genet. 36:40-45(2004).
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