

LIMP-2 / SCARB2 / CD36L2 active protein

Recombinant Human LIMP-2 / SCARB2 / CD36L2 Protein (His & Fc tag)

CATALOG #
AAA173552

HOST
HEK293 Cells

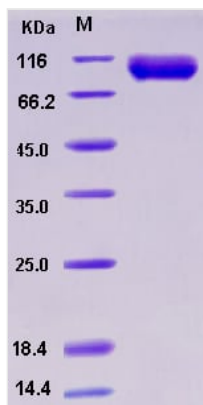
PRODUCT SYNONYMS

LIMP-2 / SCARB2 / CD36L2; Recombinant Human LIMP-2 / SCARB2 / CD36L2 Protein (His & Fc tag); Lysosome Membrane Protein 2; 85 kDa Lysosomal Membrane Sialoglycoprotein; LGP85; 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; LIMP-2 / SCARB2 / CD36L2 active protein

PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Purity/Purification	> 90 % as determined by reducing SDS-PAGE.
Form/Format	Lyophilized from sterile PBS, pH 7.4, 5%Trehalose, 5% Mannitol, 0.01% Tween-80.
Sequence Positions	Arg 27-Thr 432
Species	Human
Tag	C-His & Fc
Bio Activity	Measured by its ability to bind recombinant human RSPO1 in a functional ELISA
Endotoxin	< 1.0 EU per ug as determined by the LAL method.
Reconstitution	We recommend that the vial be centrifuged to opening to bring the contents to the bottom. Do not mix by vortex. It is recommended that sterile water(400ul) be added to the vial to prepare a stock solution of 0.25mg/mL. Concentration is measured by UV-Vis.
Preparation and Storage	Ships on blue ice. Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for LIMP-2 / SCARB2 / CD36L2 active protein	Lysosomal Integral Membrane Protein II (LIMP2), also known as SCARB2, LPG85, and CD36L2, is a type II multipass 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 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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NCBI AND UNIPROT INFORMATION

NCBI GI #	5031631
NCBI GeneID	950
NCBI Accession #	NP_005497.1
NCBI GenBank Nucleotide #	NM_005506.3
UniProt Accession #	Q14108; Q53Y63; B4DKD8; E7EM68
Molecular Weight	Mol Mass: 74.4 kDa AP Mol Mass: 110-115 kDa
NCBI Official Full Name	lysosome membrane protein 2 isoform 1
NCBI Official Synonym Full Names	scavenger receptor class B member 2
NCBI Official Symbol	SCARB2
NCBI Official Synonym Symbols	AMRF; EPM4; LGP85; CD36L2; HLG85; LIMP-2; LIMP2; SR-BII
NCBI Protein Information	lysosome membrane protein 2
UniProt Protein Name	Lysosome membrane protein 2
UniProt Gene Name	SCARB2
UniProt Synonym Gene Names	CD36L2; LIMP2; LIMP2; LGP85; LIMP II

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/hek293-cells-active-protein/limp-2-scarb2-cd36l2/173552>