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Datasheet for ABIN7319472
SCARB2 Protein (His tag)

Overview

Quantity:	50 µg
Target:	SCARB2
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SCARB2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human LIMP-2/LIMP2 Protein (His Tag)
Sequence:	Arg27-Thr432
Characteristics:	Recombinant Human LIMP-2 is produced by our Mammalian expression system and the target gene encoding Arg27-Thr432 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	SCARB2
Alternative Name:	LIMP-2/LIMP2 (SCARB2 Products)
Background:	Background: Scavenger Receptor Class B Member 2 (SCARB2) is a type III multi-pass membrane glycoprotein that is located primarily in limiting membranes of lysosomes and endosomes on all tissues and cell types so far examined. Earlier studies in mice and rat

Target Details

suggested that this protein may participate in membrane transportation and the reorganization of endosomal/lysosomal compartment. The protein deficiency in mice was reported to impair cell membrane transport processes and cause pelvic junction obstruction, deafness, and peripheral neuropathy. Further studies in human showed that this protein 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). Mutations in this gene caused an autosomal recessive progressive myoclonic epilepsy-4 (EPM4), also known as action myoclonus-renal failure syndrome (AMRF). Alternatively spliced transcript variants encoding different isoforms have been found for this gene. In addition, SCARB2 also has been shown to bind thrombospondin-1, may contribute to the pro-adhesive changes of activated platelets during coagulation, and inflammation.

Synonym: 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, LIMPII,AMRF,CD36L2,EPM4,HLGP85,LGP85,SR-BII

Molecular Weight: 47.59 kDa

UniProt: [Q14108](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, 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.