

Datasheet for ABIN7320637
SCARB2 Protein (Fc Tag)[Go to Product page](#)

1 Image

Overview

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

Product Details

Purpose:	Recombinant Mouse LIMP-2/LIMP2 Protein (Fc Tag)
Sequence:	Arg27-Thr432
Characteristics:	Recombinant Mouse Lysosomal Integral Membrane Protein II 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 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: Lysosome membrane protein II (LIMP2), also known as SCARB2, is a type III multi-pass membrane glycoprotein that is located primarily in limiting membranes of lysosomes and

Target Details

endosomes on all tissues and cell types so far examined. Earlier studies in mice and rat 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, LIMP2 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, LIMP2, Lysosome membrane protein II, LIMP II, Scavenger receptor class B member 2, Scarb2

Molecular Weight:	47.1 kDa
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UniProt:	O35114
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Application Details

Restrictions:	For Research Use only
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Handling

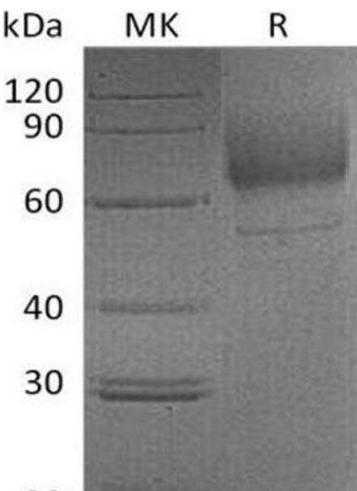
Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from a 0.2 µm filtered solution of 50 mM Tris-Citrate, 0.3M NaCl, pH 6.5.
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Storage:	4 °C,-20 °C,-80 °C
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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.
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Western Blotting

Image 1.