

Recombinant Human SCARB2 (C-6His)

Catalog No: C532

Description Recombinant Human Scavenger Receptor Class B Member 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.

Source **Human Cells**

Alternative name 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

Accession No. Q14108

Predicted Molecular 47.59kDa Weight

AP Molecular

Weight 80-100kDa, reducing conditions

Formulation Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Quality Control Greater than 95% as determined by reducing SDS-PAGE. Purity:

> Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

Shipping The product is shipped at ambient temperature.

Upon receipt, store it immediately at the temperature listed below.

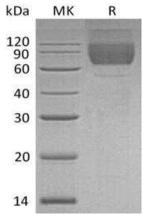
Storage Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.

> Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

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 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.

SDS-Page



MK: Marker

R: Sample under reducing conditions

