

Recombinant Mouse LIMP-2 / SCARB2 / CD36L2 Protein (His tag)

Cat.NO.: TP08011

3th Edition

Synonyms:9330185J12Rik;Cd36l2;LGP85;LIMP-2;MLGP85

Description:Lysosomal Integral Membrane Protein II (LIMP-II), also known as SCARB2, LPG85, and CD36L2, is a type I II multi-pass 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. LIMP-II 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 LIMP-II enables normally unsusceptible cell lines to support the viruses' propagation and develop cytopathic effects. In addition, LIMP-II 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.

Form:PBS

Molecular Weight:47.8 kDa

Sequences:Met 1-Thr 432

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.