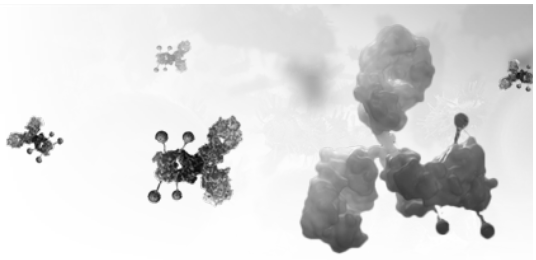

Human SCARB2 peptide (DAG-P1945)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a type III glycoprotein that is located primarily in limiting membranes of lysosomes and endosomes. 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 a ubiquitously expressed protein and that it is involved in the pathogenesis of HFMD (hand, foot, and mouth disease) caused by enterovirus-71 and possibly by coxsackievirus A16. 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.[provided by RefSeq, Feb 2011]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	SCARB2 scavenger receptor class B, member 2 [Homo sapiens (human)]
Official Symbol	SCARB2
Synonyms	SCARB2; scavenger receptor class B, member 2; AMRF; EPM4; LGP85; CD36L2; HLGP85; LIMP-2; LIMPII; SR-BII; lysosome membrane protein 2; LIMP II; CD36 antigen-like 2; lysosome

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	membrane protein II; 85 kDa lysosomal membrane sialoglycoprotein; 85 kDa lysosomal sialoglycoprotein scavenger receptor class B, member 2; CD36 antigen (collagen type I receptor, thrombospondin receptor)-like 2 (lysosomal integral membrane protein II);
Entrez Gene ID	950
mRNA Refseq	NM_001204255.1
Protein Refseq	NP_001191184.1
UniProt ID	Q14108
Chromosome Location	4q21.1
Pathway	Lysosome, organism-specific biosystem; Lysosome, conserved biosystem;
Function	enzyme binding; protein binding; receptor activity;

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