Recombinant Human Scavenger receptor class B member 1

Catalog No: #AP71448

Package Size: #AP71448-1 20ug #AP71448-2 100ug #AP71448-3 1mg

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Recombinant Human Scavenger receptor class B member 1
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:33-443aaSequence Info:Extracellular Domain
Other Names	CD36 and LIMPII analogous 1 ;CLA-1CD36 antigen-like 1Collagen type I receptor, thrombospondin receptor-like 1SR-BI; CD36
Accession No.	Q8WTV0
Uniprot	Q8WTV0
GeneID	949;
Calculated MW	62.7 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	PSLIKQQVLKNVRIDPSSLSFNMWKEIPIPFYLSVYFFDVMNPSEILKGEKPQVRERGPYVYREFRHKSNITFNN NDTVSFLEYRTFQFQPSKSHGSESDYIVMPNILVLGAAVMMENKPMTLKLIMTLAFTTLGERAFMNRTVGEIM WGYKDPLVNLINKYFPGMFPFKDKFGLFAELNNSDSGLFTVFTGVQNISRIHLVDKWNGLSKVDFWHSDQCN MINGTSGQMWPPFMTPESSLEFYSPEACRSMKLMYKESGVFEGIPTYRFVAPKTLFANGSIYPPNEGFCPCLE SGIQNVSTCRFSAPLFLSHPHFLNADPVLAEAVTGLHPNQEAHSLFLDIHPVTGIPMNCSVKLQLSLYMKSVAGI GQTGKIEPVVLPLLWFAESGAMEGETLHTFYTQLVLMPKVMHY
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Receptor for different ligands such as phospholipids, cholesterol ester, lipoproteins, phosphatidylserine and apoptotic cells. Probable receptor for HDL, located in particular region of the plasma mbrane, called caveolae. Facilitates the flux of free and esterified cholesterol between the cell surface and Extracellular domain donors and acceptors, such as HDL and to a lesser extent, apoB-containing lipoproteins and modified lipoproteins. Probably involved in the phagocytosis of apoptotic cells, via its phosphatidylserine binding activity. Receptor for hepatitis C virus glycoprotein E2. Binding between SCARB1 and E2 was found to be independent of the genotype of the viral isolate. Plays an important role in the uptake of HDL cholesteryl ester .

References

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Note: This product is for in vitro research use only