Active Recombinant Human SCARB2 protein, His&hFc-tagged

Cat. No. SCARB2-2188H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SCARB2 protein(NP_005497.1)(Arg27-Thr432), fused with His&hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Arg27-Thr432
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to bind recombinant human RSPO1 in a functional ELISA.
Molecular Mass	The recombinant human SCARB2/Fc is a disulfide-linked homodimer. The reduced monomer consists of 653 amino acids and has a predicted molecular mass of 74.4 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhSCARB2/Fc monomer is approximately 110-115 kDa due to glycosylation.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	SCARB2 scavenger receptor class B, member 2 [Homo sapiens]
Official Symbol	SCARB2
Synonyms	SCARB2; scavenger receptor class B, member 2; CD36 antigen (collagen type I receptor, thrombospondin receptor) like 2 (lysosomal integral membrane protein II) , CD36L2; lysosome membrane protein 2; HLGP85; LIMP 2; LIMPII; SR BII; LIMP II; CD36 antigen-like 2; lysosome 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); AMRF; EPM4; LGP85; CD36L2; LIMP-2; SR-BII;
Gene ID	950
mRNA Refseq	NM_001204255
Protein Refseq	NP_001191184
MIM	602257
UniProt ID	Q14108

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