

HUMAN SCARB1 FULL LENGTH PROTEIN

目录: 11093

产品名称: Human SCARB1 Full Length Protein

规格: 10 µg; 50 µg and 100 µg

基因符号: CD36L1;CLA-1;CLA1;HDLQTL6;SR-BI;SRB1

Target: SCARB1

UNIPROT ID: Q8WTV0

描述: Human SCARB1 Full Length Protein-Synthetic Nanodisc

背景: The protein is a plasma membrane receptor for high density lipoprotein cholesterol (HDL). The encoded protein mediates cholesterol transfer to and from HDL. In addition, this protein is a receptor for hepatitis C virus glycoprotein E2. Several transcript variants encoding different isoforms have been found for this gene.

Species/Host: HEK293

Molecular Weight: The human full length SCARB1 protein has a MW of 60.9 kDa

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

储存和运输: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: N/A

ELISA assay to evaluate SCARB1-Nanodisc 0.2µg Human SCARB1-Nanodisc per well

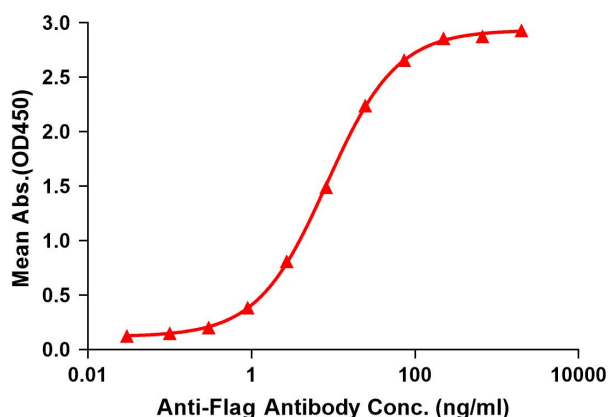


Figure 1. Elisa plates were pre-coated with Flag Tag SCARB1-Nanodisc (0.2µg/per well). Serial diluted Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for Flag monoclonal antibody binding with SCARB1-Nanodisc is 8.388ng/ml.

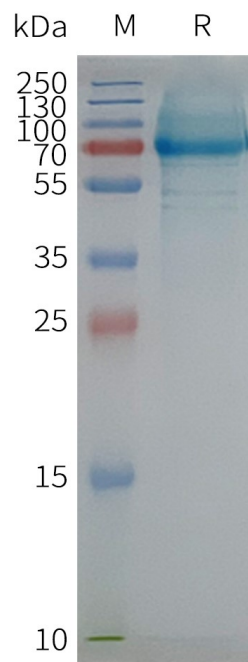


Figure 2. Human SCARB1-Nanodisc, Flag Tag on SDS-PAGE