

HUMAN SCARB1 FULL LENGTH PROTEIN

Cat.#: 11093

Product Name: Human SCARB1 Full Length Protein

Size : 10 µg; 50 µg and 100 µg

Synonyms: CD36L1;CLA-1;CLA1;HDLQTL6;SR-BI;SRBI

Target: SCARB1

UNIPROT ID: Q8WTV0

Description: Human SCARB1 Full Length Protein-Synthetic Nanodisc

Background: 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.

Storage & Shipping: 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

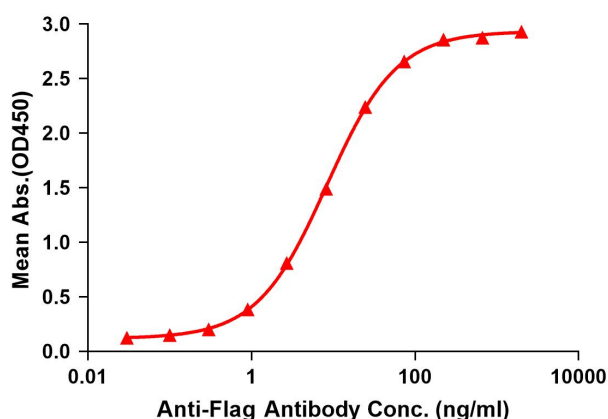


Figure 1. Elisa plates were pre-coated with Flag Tag SCARB1-Nanodisc (0.2µg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with SCARB1-Nanodisc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

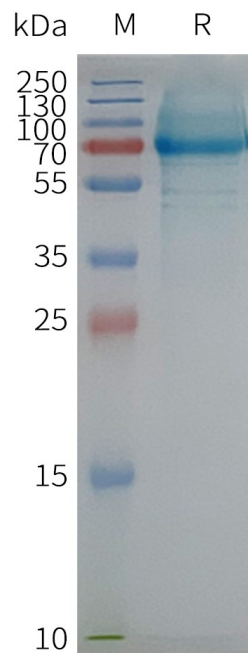


Figure 2. Human SCARB1-Nanodisc, Flag Tag on SDS-PAGE