

Human LIMP-2/SCARB2 (His & Fc Tag) recombinant protein



Catalog Number: 502364

General Information

Protein Construction

A DNA sequence encoding the human SCARB2 (NP_005497.1) extracellular domain (Arg 27-Thr 432) was fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to bind recombinant human RSPO1 in a functional ELISA.

Purity

> 90 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ g of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Arg 27

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.

Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

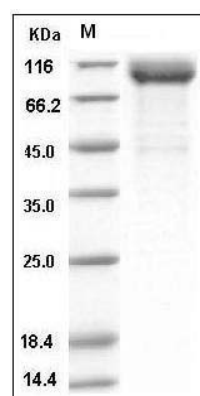
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human LIMP-2 / SCARB2 / CD36L2 Protein (His & Fc Tag) SDS-PAGE