

Mouse SCARB1 (His & Fc Tag) recombinant protein



Catalog Number: 504110

General Information

Gene Name Synonym

Scavenger receptor class B, member 1, isoform CRA_b

Protein Construction

A DNA sequence encoding the mature form of mouse SRB1 (NP_058021.1) extracellular domain (Pro 33-Val 440) was fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg 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

Pro 33

Molecular Mass

The secreted recombinant mouse SRB1/Fc is a

disulfide-linked homodimer. The reduced monomer comprises 656 amino acids with a predicted molecular mass of 74 kDa. As a result of glycosylation, it migrates as an approximately 115-120 kDa band in SDS-PAGE under reducing conditions.

Formulation

- Lyophilized from sterile PBS, pH 7.4
- 5 % trehalose and mannitol are added as protectants before lyophilization.
 - Please contact us for any concerns or special requirements.

Usage Guide

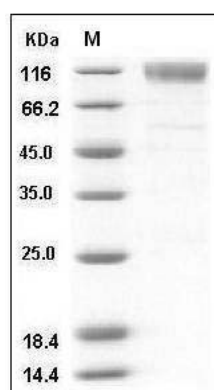
Storage

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



Mouse SCARB1 / CD36L1 / CLA-1 Protein (His & Fc Tag) SDS-PAGE