

Mouse CD36/SCARB3 (His & Fc Tag) recombinant protein



Catalog Number: 502651

General Information

Gene Name Synonym

Glycoprotein IIIb; PAS IV; PAS-4; Platelet glycoprotein IV

Protein Construction

A DNA sequence encoding the extracellular domain of mouse CD36 (NP_001153030.1) (Gly 30-Lys 439) 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

Activity

Measured by its binding ability in a functional ELISA. Immobilized human RSPO1 at 20 µg/ml (100 µl/well) can bind mouse CD36 Fc chimera with a linear rangel of 6.4-800 ng/ml.

Purity

> 88 % 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

Gly 30

Molecular Mass

The recombinant mouse CD36/Fc chimera is a disulfide-linked homodimer. The reduced monomer consists of 658 amino acids and has a calculated molecular mass of 74.5 kDa. As a result of glycosylation, the apparent molecular mass of rmCD36/Fc monomer is approximately 110-120 kDa in SDS-PAGE under reducing conditions.

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

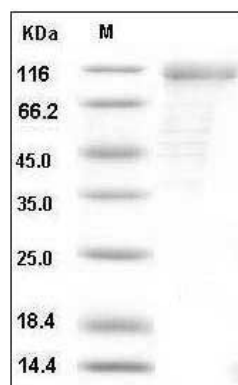
Storage

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



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