

Mouse CD59a / Protectin (Fc Tag) recombinant protein



Catalog Number: 501597

General Information

Gene Name Synonym

Lyb-2; Lymphocyte antigen 32

Protein Construction

A DNA sequence encoding the mouse CD59a (NP_031680.2) (Met 1-Lys 95), without the pro peptide, was fused with the Fc region of human IgG1 at the C-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Purity

> 92 % 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

Leu 24

Molecular Mass

The secreted recombinant mouse CD59a/Fc is a disulfide-linked homodimer. The reduced

monomer comprises 313 amino acids and has a calculated molecular mass of 35.4 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 42 kDa band 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

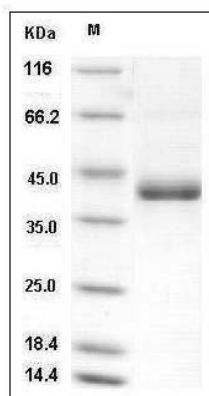
Storage

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



Mouse CD59a / Protectin / MAC-IP Protein (Fc Tag) SDS-PAGE