

# Mouse LY-96 / ESOP-1 (Fc Tag) recombinant protein



Catalog Number: 500154

## General Information

### Gene Name Synonym

ESOP-1; Protein MD-2

### Protein Construction

A DNA sequence encoding the mouse LY96 (Q9JHF9) (Met1-Asn160) was expressed with the 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

Glu 19

### Molecular Mass

The recombinant mouse LY96/Fc is a disulfide-

linked homodimer. The reduced monomer comprises 383 amino acids and has a predicted molecular mass of 43.4 kDa. The apparent molecular mass of the protein is approximately 47 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

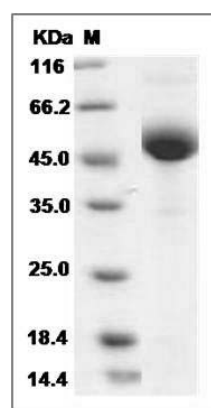
Store it under sterile conditions at -20°C to -80°C.

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



Mouse LY-96 / ESOP-1 Protein (Fc Tag) SDS-PAGE