

# Mouse CD62L/L-Selectin (His & Fc Tag) recombinant protein



Catalog Number: 504029

## General Information

### Gene Name Synonym

CD62 antigen-like family member L; Leukocyte adhesion molecule 1; Leukocyte-endothelial cell adhesion molecule 1; Lymph node homing receptor; Lymphocyte antigen 22; Lymphocyte surface MEL-14 antigen

### Protein Construction

A DNA sequence encoding the extracellular domain (Met 1-Asn 332) of mouse SELL (NP\_035476.1) precursor 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 the ability of the immobilized protein to support the adhesion of U937 human histiocytic lymphoma cells. When cells are added to SELL coated plates (10 µg/mL, 100 µL/well) approximately >60% cells will adhere specifically.

### Purity

> 90 % 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

Trp 39

## Molecular Mass

The recombinant mouse SELL/Fc is a disulfide-linked homodimer after removal of the signal peptide. The reduced monomer consists of 542 amino acids and has a predicted molecular mass of 61 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm SELL/Fc monomer is approximately 100-110 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.

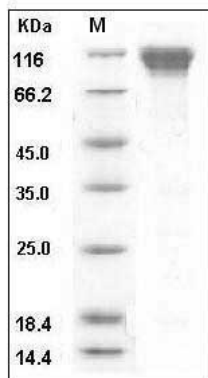
### SDS-PAGE

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