# Mouse SELP / P Selectin (Fc Tag) recombinant protein

Catalog Number: 503061



#### **General Information**

### Gene Name Synonym

CD62 antigen-like family member P; Granule membrane protein 140; Leukocyte-endothelial cell adhesion molecule 3; Platelet activation dependent granule-external membrane protein

#### **Protein Construction**

A DNA sequence encoding the mouse SELP (NP\_035477.1) (Met1-Ala709) was expressed with the 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 5 x 10E4 cells/well are added to mouse SELP/Fc Chimera coated plates (10  $\mu$ g/mL with 100  $\mu$ L/well), > 60% cells will adhere for 1 hour incubation at 37°C.

#### **Purity**

> 85 % as determined by SDS-PAGE

#### **Endotoxin**

< 1.0 EU per  $\mu g$  of the protein as determined by the LAL method

#### **Stability**

Samples are stable for up to twelve months from date of receipt at -70  $^{\circ}$ C

#### Predicted N terminal

# Trp 42

# **Molecular Mass**

The recombinant mouse SELP comprises 909 amino acids and has a predicted molecular mass of 99.6 kDa. The apparent molecular mass of the protein is approximately 134.5 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**

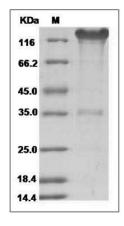
### **Storage**

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 SELP / selectin P / P-selectin Protein (Fc Tag) SDS-PAGE