# Mouse Alkaline Phosphatase / ALPL (His Tag) recombinant protein

Catalog Number: 503759



## General Information

#### **Protein Construction**

A DNA sequence encoding the mouse Alpl (BAH03518.1) (Met1-Ser502) was expressed with a polyhistidine tag at the C-terminus.

#### **Organism**

Mouse

## **Expression Host**

**Human Cells** 

# QC Testing

#### **Purity**

> 95 % as determined by SDS-PAGE.

#### **Endotoxin**

<1.0 EU per  $\mu$ g 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

Phe 18

#### **Molecular Mass**

The recombinant mouse Alpl consists 496 amino

acids and predicts a molecular mass of 55 kDa.

### **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**

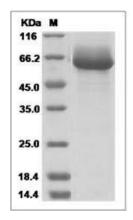
# **Storage**

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 Alkaline Phosphatase / ALPL Protein (His Tag) SDS-PAGE