

# Mouse CD19 (His Tag) recombinant protein



Catalog Number: 504584

## General Information

### Protein Construction

A DNA sequence encoding the extracellular domain of mouse CD19 (NP\_033974.2) (Met1-Gly287) was expressed, with a polyhistidine tag at the C-terminus.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its ability to bind with human CD9-His(Cat:502694) in a functional ELISA.

### Purity

> 90 % 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°C

### Predicted N terminal

Gly 17

## Molecular Mass

The recombinant mouse CD19 consists of 282 amino acids and has a predicted molecular mass of 31 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

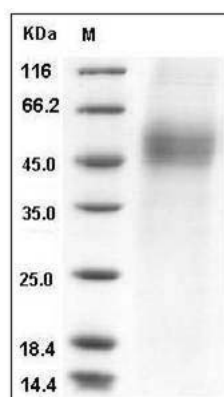
### Storage

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 CD19 / Leu-12 Protein (His Tag) SDS-PAGE