

# Mouse CD90/THY-1 (His Tag) recombinant protein



Catalog Number: 501205

## General Information

### Gene Name Synonym

Thy-1 antigen

### Protein Construction

A DNA sequence encoding the extracellular domain of mouse THY1 (NP\_033408.1) without the propeptide (Met 1-Cys 131) 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  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

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

### Predicted N terminal

Gln 20

### Molecular Mass

The recombinant mouse THY1 consists of 123 amino acids and has a predicted molecular mass of 14.2 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm THY1 is approximately 20-27 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

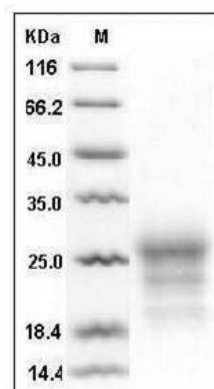
Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ .

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 CD90 / THY-1 Protein (His Tag) SDS-PAGE