

# Mouse TREM-2/TREM2 (His Tag) recombinant protein



Catalog Number: 500837

## General Information

### Gene Name Synonym

Triggering receptor expressed on monocytes 2

### Protein Construction

A DNA sequence encoding the mouse TREM2 (NP\_112544.1) extracellular domain (Met 1-Pro 168) was expressed, with a C-terminal polyhistidine tag.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Purity

> 95 % 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

Leu 19

### Molecular Mass

The recombinant mouse TREM2 consists of 161 amino acids with the predicted molecular mass of 18 kDa. As a result of glycosylation, the apparent molecular mass of rmTREM2 is approximately 30-40 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

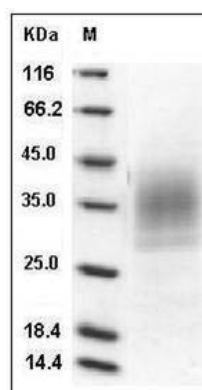
### Storage

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 TREM2 Protein (His Tag) SDS-PAGE