

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



Catalog Number: 502370

## General Information

### Gene Name Synonym

cDNA, FLJ92504, Homo sapiens triggering receptor expressed on myeloid cells 2(TREM2)

### Protein Construction

A DNA sequence encoding the extracellular domain of human TREM2 (NP\_061838.1) (Met 1-Ser 174) was expressed, fused with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 90 % 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

His 19

### Molecular Mass

The secreted recombinant human TREM2 comprises 167 amino acids with a predicted molecular mass of 18.9 kDa. As a result of glycosylation, the apparent molecular mass of rhTREM2 is approximately 30-40 kDa band 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

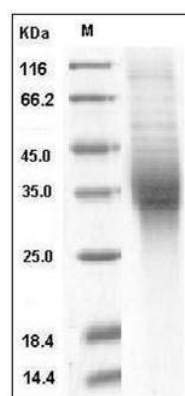
### Storage

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



Human TREM2 Protein (His Tag) SDS-PAGE