

# Active Recombinant Human TREM2 Protein

Catalog No.: RP01159 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	54209	Q9NZC2

### Tags

C-His

### Synonyms

PLOSL2; TREM-2; Trem2a; Trem2b;  
Trem2c; TREM2; TREM-2; Trem2a; Trem2b;  
Trem2c

## Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

### Endotoxin

< 0.1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

### Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Contact

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## Background

### Basic Information

#### Description

Active Recombinant Human TREM-2 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (His19-Ser174) of human TREM-2 (Accession #NP\_061838) fused with a 6×His tag at the C-terminus.

#### Bio-Activity

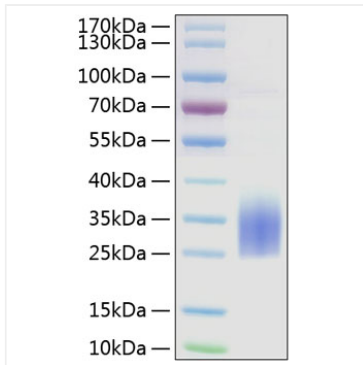
1. Measured by its binding ability in a functional ELISA. Immobilized Human TREM2 at 1 μg/mL (100 μL/well) can bind TREM2 Rabbit pAb with a linear range of 0.06-1.86 ng/mL.

#### Storage

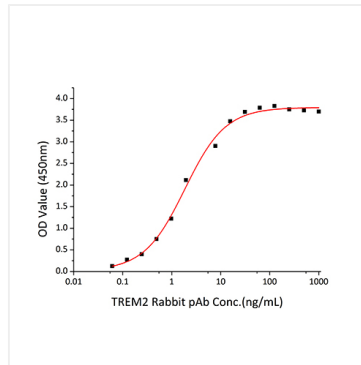
Store the lyophilized protein at -20 °C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

## Validation Data

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Recombinant Human TREM-2 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 25-39 kDa..



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