

Human TREM-1/TREM1 (His Tag) recombinant protein



Catalog Number: 500131

General Information

Gene Name Synonym

Triggering receptor expressed on myeloid cells 1, isoform CRA_a; cDNA, FLJ93589, Homo sapiens triggering receptor expressed on myeloid cells 1 (TREM1)

Protein Construction

A DNA sequence encoding the extracellular domain (Met 1-Arg 200) of human TREM1 (NP_061113.1) was fused with the 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 μg 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

Ala 21

Molecular Mass

The secreted recombinant human TREM1 consists of 191 amino acids and has a predicted molecular mass of 21.8 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhTREM1 is approximately 38-42 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

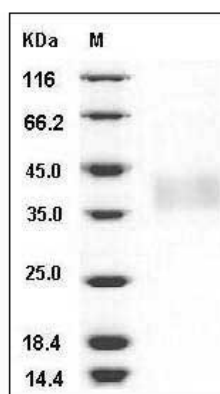
Storage

Store it under sterile conditions at -20°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



Human TREM1 Protein (His Tag) SDS-PAGE