

RP00168

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Recombinant Human TREM-1/CD354 Protein

Catalog No.: RP00168

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	54210	Q9NP99

Tags

C-hFc&His

Synonyms

TREM1;CD354;TREM-1

Background

TREM1 (triggering receptor expressed on myeloid cells) is a type I transmembrane protein with a single Ig-like domain, and is selectively expressed on blood neutrophils and a subset of monocytes. As a member of the growing family of receptors related to NK cell receptors, TREM1 activates downstream signaling events with the help of an adapter protein called DAP12. TREM1 amplifies neutrophil and monocyte-mediated inflammatory responses triggered by bacterial and fungal infections by stimulating release of pro-inflammatory chemokines and cytokines, as well as increased surface expression of cell activation markers.

Product Information

Source

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.

Purification

≥ 95 % as determined 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

Basic Information

Description

Recombinant Human TREM1 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ala21-Arg200) of human TREM1 (Accession #NP_061113.1) fused with an Fc, 6×His tag at the C-terminus.

Bio-Activity

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage

Store at -20°C. Avoid repeated freeze/thaw cycles.

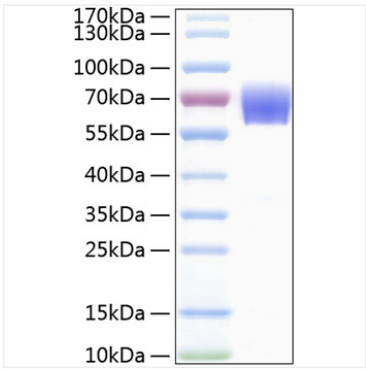
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Contact



www.abclonal.com

Validation Data



Recombinant Human TREM-1/CD354
Protein was determined by SDS-
PAGE under reducing conditions with
Coomassie Blue.