Recombinant Human TREM-1/CD354 Protein

Catalog No.: RP00319

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Sequence Information

Species
Human

Gene ID
54210

Swiss Prot
Q9NP99

Tags
C-6His

Synonyms
TREM1,Triggering receptor expressed on myeloid cells 1, TREM-1, CD354

Product Information

Source
HEK293 cells

Purification
≥ 90 % as determined by SDS-PAGE.

Calculated MW
21.08 kDa

Observed MW
25-60 kDa

Endotoxin
< 0.1 EU per μg of the protein as determined by the LAL method.

Formulation
Lyophilized from 0.22μm filtered solution in PBS (pH 7.4).

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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

TREM1 (Triggering Receptor Expressed on Myeloid Cells 1) is a pro-inflammatory receptor expressed by phagocytes, which can also be released as a soluble molecule (sTREM1). The roles of TREM1 and sTREM1 in liver infection and inflammation are not clear.

Basic Information

Description
Recombinant Human TREM-1/CD354 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ala21-Arg200) of Human TREM-1/CD354 (Accession #NP_061113.1) fused with a 6×His tag at the C-terminus.

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.

Storage
Store at -20℃

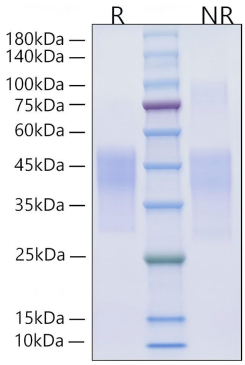
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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Validation Data



Recombinant Human TREM-1/CD354 Protein was determined by SDS-PAGE under reducing (R) and non-reducing (NR) conditions.

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