

Datasheet for ABIN7275787
TREM1 Protein (His tag)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	TREM1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TREM1 protein is labelled with His tag.

Product Details

Sequence:	Ala21-Arg200
Purity:	> 95% as determined by Tris-Bis PAGE, > 95% as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	TREM1
Alternative Name:	TREM1 (TREM1 Products)
Background:	CD354, TREM-1, 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.
Molecular Weight:	21.4 kDa. Due to glycosylation, the protein migrates to 40-60 kDa based on Tris-Bis PAGE result.

Target Details

NCBI Accession: [NP_061113](#)

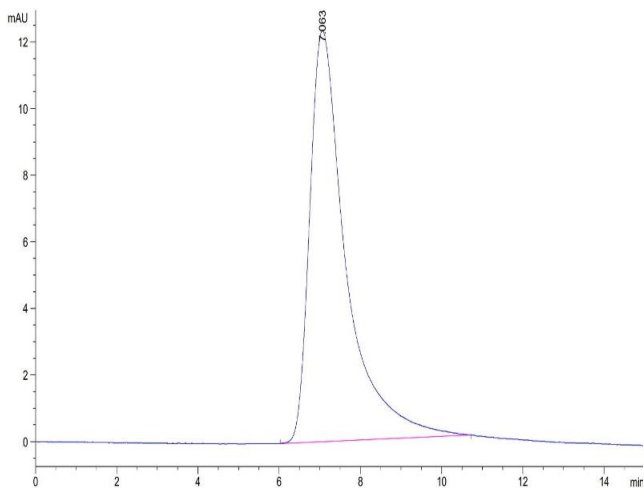
Application Details

Restrictions: For Research Use only

Handling

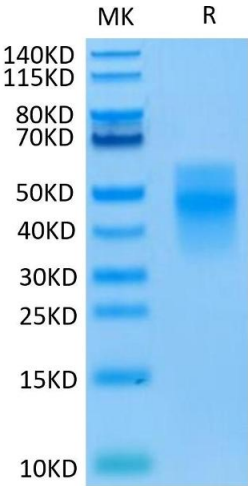
Format:	Lyophilized
Reconstitution:	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/mL is recommended (usually we use 1 mg/mL solution for lyophilization). Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5 % trehalose is added as protectant before lyophilization.
Storage:	4 °C,-80 °C
Storage Comment:	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

Images



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 1. The purity of Human TREM1 is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

Image 2. Human TREM1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .