

Datasheet for ABIN7520564
TREM2 Protein (His tag)



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Overview

Quantity:	50 µg
Target:	TREM2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This TREM2 protein is labelled with His tag.

Product Details

Purpose:	Active Recombinant Human TREM-2 Protein
Sequence:	HNTTVFQGVA GQSLQVSCP Y DSMKHWGRRK AWCRLGEGK PCQRVVSTHN LWLLSFLRRW NGSTAITDDT LGGTLTITLR NLQPHDAGLY QCQSLHGSEA DTLRKVLVEV LADPLDHRDA GDLWFPGESE SFEDAHVEHS ISRSLLEGEI PFPPTS
Specificity:	His19-Ser174
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.1 EU/µg of the protein by LAL method.
Biological Activity Comment:	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.

Target Details

Target:	TREM2
Alternative Name:	TREM-2 (TREM2 Products)
Background:	PLOSL2, TREM-2, Trem2a, Trem2b, Trem2c, TREM2, TREM-2, Trem2a, Trem2b, Trem2c
Gene ID:	54209
UniProt:	Q9NZC2

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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.
Concentration:	0.52 mg/mL
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C, -80 °C
Storage Comment:	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.