

## Active Recombinant Human TREM2 protein, mFc-tagged

Cat. No. TREM2-309H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TREM2 protein(His 19 - Ser 174), fused with mFc tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	His 19 - Ser 174
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5 with trehalose as protectant.
<b>Bio-activity</b>	Immobilized Human TREM2, Mouse IgG2a Fc Tag at 1 µg/mL (100 µL/well) can bind Anti-TREM2 Antibody, Human IgG1 with a linear range of 0.2-5 ng/mL.
<b>Molecular Mass</b>	This protein carries a mouse IgG2a Fc tag at the C-terminusThe protein has a calculated MW of 44.3 kDa. The protein migrates as 55-65 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Endotoxin</b>	Less than 0.1 EU per µg by the LAL method.
<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Storage</b>	For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after at:

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-20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** [TREM2 triggering receptor expressed on myeloid cells 2 \[ Homo sapiens \]](#)

**Official Symbol** [TREM2](#)

**Synonyms**

TREM2; triggering receptor expressed on myeloid cells 2; triggering receptor expressed on myeloid cells 2a; TREM 2; Trem2a; Trem2b; Trem2c; triggering receptor expressed on monocytes 2; TREM-2;

**Gene ID** [54209](#)

**mRNA Refseq** [NM\\_018965](#)

**Protein Refseq** [NP\\_061838](#)

**MIM** [605086](#)

**UniProt ID** [Q9NZC2](#)

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