

## Active Recombinant Mouse Trem2 protein, His-tagged

**Cat. No.** Trem2-311M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Trem2 protein(Leu 19 - Ser 171), fused with His tag, was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Leu 19 - Ser 171
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4, 10% trehalose.
<b>Bio-activity</b>	Immobilized Mouse TREM2, His, Tag at 1 µg/mL (100 µL/well) can bind Anti-TREM2 Antibody, Human IgG1 with a linear range of 0.2-2 ng/mL.
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 18.7 kDa. The protein migrates as 25-45 kDa under reducing (R) condition (SDS-PAGE) due to Glycosylation.
<b>Endotoxin</b>	Less than 1.0 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: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile

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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 [ *Mus musculus* ]

**Official Symbol**

Trem2

**Synonyms**

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

**Gene ID**

83433

**mRNA Refseq**

NM\_031254

**Protein Refseq**

NP\_112544

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