

Active Recombinant Mouse Trem2 protein, Fc-tagged

Cat. No. Trem2-312M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Trem2 protein(Leu 19 - Ser 171), fused with Fc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Leu 19 - Ser 171
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5, 10% trehalose.
Bio-activity	Immobilized Mouse TREM2, Fc Tag at 1 µg/mL (100 µL/well) can bind Anti-TREM2 Antibody, Human IgG1 with a linear range of 0.6-5 ng/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus.The protein has a calculated MW of 43.2 kDa. The protein migrates as 55-65 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	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 [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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