

Active Recombinant Human TREM2 protein, mFc-tagged

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

SPECIFICATION

Product Overview	Recombinant Human TREM2 protein(His 19 - Ser 174), fused with mFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	His 19 - Ser 174
Form	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.
Bio-activity	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.
Molecular Mass	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.
Endotoxin	Less than 0.1 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 \[Homo sapiens \]](#)

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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