

Active Recombinant Human TREM2 protein, His-tagged, Low Endotoxin

Cat. No. TREM2-04H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TREM2 protein(Q9NZC2-1)(19-174 aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	19-174 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human TREM2, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Anti-TREM2 Antibody, hFc Tag with the EC50 of 18.3ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 18.5 kDa. Due to glycosylation, the protein migrates to 28-40 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

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](#)

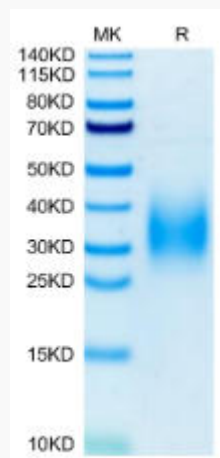
UniProt ID [Q9NZC2](#)

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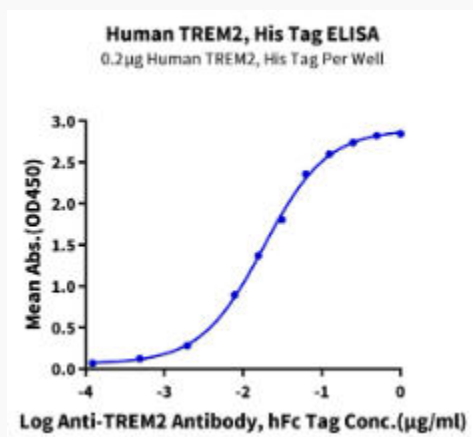
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Bis-Tris PAGE



ELISA Data



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