

Recombinant Human TREM2 protein, hFc-tagged

Cat. No. TREM2-283H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TREM2 protein(Q9NZC2-1)(His19-Ser174), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	His19-Ser174
Tag	C-hFc
Form	Lyophilized from 0.22µm filtered solution in PBS, 100mM Arginine (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human TREM2, hFc Tag at 2ug/ml (100ul/Well) on the plate. Dose response curve for Biotinylated Anti-TREM2 Antibody, hFc Tag with the EC50 of 46.9ng/ml determined by ELISA (QC Test).
Molecular Mass	The protein has a predicted MW of 44.2 kDa. Due to glycosylation, the protein migrates to 50-70 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE

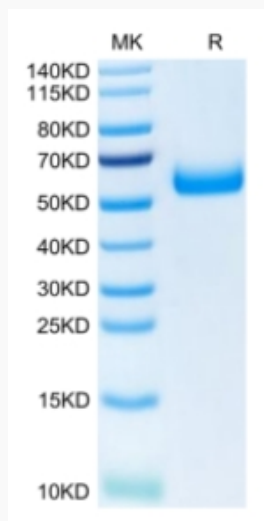
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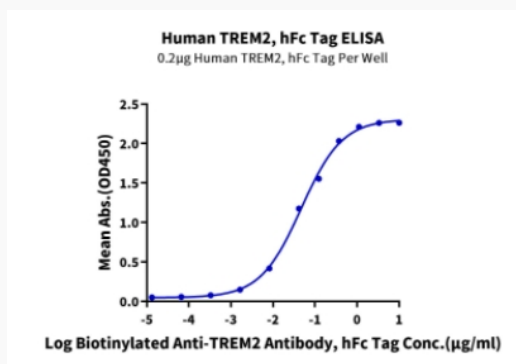
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Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. 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

Tris-Bis PAGE



ELISA Data



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