

Active Recombinant Human TREM2 protein, Fc-tagged

Cat. No. TREM2-0792H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TREM2 protein(His19-Asp131), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	19-131 a.a.
Form	Lyophilized from 0.22 μ m filtered solution in 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human TREM2 (19-131), Fc Tag at 1 μ g/mL (100 μ L/well) can bind Anti-TREM2 Antibody, Human IgG1 with a linear range of 1-16 ng/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus.The protein has a calculated MW of 39.1 kDa. The protein migrates as 46-55 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	His19-Asp131
Endotoxin	Less than 1.0 EU per μ g by the LAL method.
Purity	>90% as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA