

Active Recombinant Human TREM2 Protein, Fc Chimera

Cat. No. TREM2-715H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TREM2 (Accession # NP_061838), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
Predicted N Terminal	His19
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its ability to bind fluorescein-conjugated E. coli Bioparticles. The ED50 for this effect is typically 0.04 - 0.16 µg/mL.
Molecular Mass	Recombinant Human TREM2, Fc Chimera has a calculated MW of 44 kDa (monomer). In SDS-PAGE migrates as 60-65 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

 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

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
Chromosome Location	6p21.1

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