# Active Recombinant Human TREM2 Protein, Fc Chimera

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

## SPECIFICATION

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| **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 μm 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 (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC). |

## GENE INFORMATION

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| **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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