

PRODUCT INFORMATION

| | |
|---|--|
| Target | TREM1 |
| Synonyms | TREM-1;CD354 |
| Description | Recombinant human TREM1 protein with C-terminal human Fc tag |
| Delivery | In Stock |
| Uniprot ID | Q9NP99 |
| Expression Host | HEK293 |
| Tag | C-Human Fc Tag |
| Molecular Characterization | TREM1(Ala21-Arg200) hFc(Glu99-Ala330) |
| Molecular Weight | The protein has a predicted molecular mass of 46.4 kDa after removal of the signal peptide. The apparent molecular mass of TREM1-hFc is approximately 55-70 kDa due to glycosylation. |
| Purity | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining. |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage & Shipping | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| Background | This gene encodes a receptor belonging to the Ig superfamily that is expressed on myeloid cells. This protein amplifies neutrophil and monocyte-mediated inflammatory responses triggered by bacterial and fungal infections by stimulating release of pro-inflammatory chemokines and cytokines, as well as increased surface expression of cell activation markers. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.[provided by RefSeq, Jun 2011] |
| Usage | Research use only |



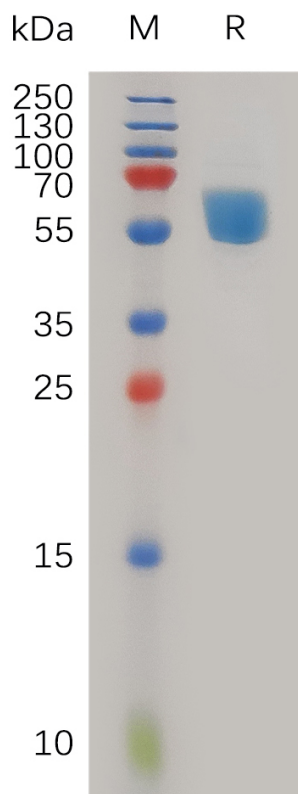


Figure 1. Human TREM1 Protein, hFc Tag on SDS-PAGE under reducing condition.

DIMABIO CONFIDENTIAL

