

## Recombinant Human TREM1 protein, His-tagged

**Cat. No.** TREM1-3842H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                          |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human TREM1 protein(NP_061113.1)(Ala21-Arg200), fused with C-terminal His tag, was expressed in HEK293.                                                      |
| <b>Species</b>          | Human                                                                                                                                                                    |
| <b>Source</b>           | HEK293                                                                                                                                                                   |
| <b>ProteinLength</b>    | Ala21-Arg200                                                                                                                                                             |
| <b>Tag</b>              | C-His                                                                                                                                                                    |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.                                           |
| <b>Bio-activity</b>     | Human PGLYRP1, hFc Tag captured on CM5 Chip via Protein A can bind Human TREM1, His Tag with an affinity constant of 17.39 µM as determined in SPR assay (Biacore T200). |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 21.4 kDa. Due to glycosylation, the protein migrates to 40-60 kDa based on Tris-Bis PAGE result.                                       |
| <b>Endotoxin</b>        | Less than 1EU per µg by the LAL method.                                                                                                                                  |
| <b>Purity</b>           | > 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC                                                                                                         |

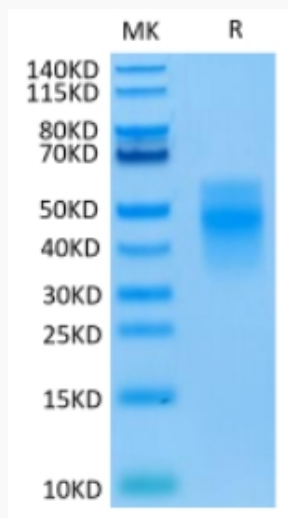
 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

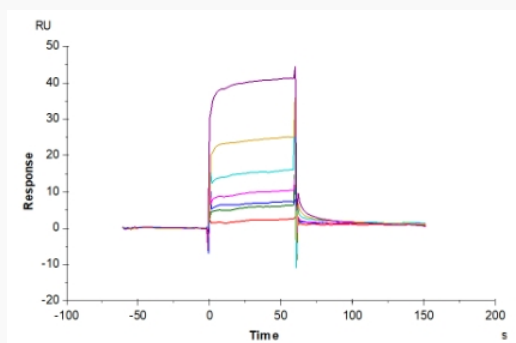
 45-1 Ramsey Road, Shirley, NY 11967, USA

|                         |                                                                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>          | 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.                    |
| <b>Reconstitution</b>   | Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water. |
| <b>GENE INFORMATION</b> |                                                                                                                                                             |
| <b>Gene Name</b>        | TREM1 triggering receptor expressed on myeloid cells 1 [ Homo sapiens ]                                                                                     |
| <b>Official Symbol</b>  | TREM1                                                                                                                                                       |
| <b>Synonyms</b>         | TREM1; triggering receptor expressed on myeloid cells 1; CD354; TREM 1; triggering-receptor TREM1; triggering receptor expressed on monocytes 1; TREM-1;    |
| <b>Gene ID</b>          | 54210                                                                                                                                                       |
| <b>mRNA Refseq</b>      | NM_001242589                                                                                                                                                |
| <b>Protein Refseq</b>   | NP_001229518                                                                                                                                                |
| <b>MIM</b>              | 605085                                                                                                                                                      |
| <b>UniProt ID</b>       | Q9NP99                                                                                                                                                      |

### Tris-Bis PAGE



### SPR Data



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

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

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