# Biotinylated Human TREM2 Protein

Catalog # TREM2-HB001 Form: Lyophilized

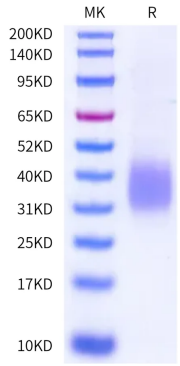
## Product Details

| | |
|---|---|
| **Product description** | Recombinant Biotinylated Human TREM2 Protein is expressed in HEK293 cells with a His tag and Avi tag at the C-terminus. It contains amino acid residues His19-Ser174 (UniProt accession: Q9NZC2-1). |
| **Molecular aliases** | PLOSL2; TREM2; TREM-2; Trem2a; Trem2b; Trem2c |
| **Expression system** | HEK293 |
| **Molecular weight** | The protein has a predicted MW of 20.3 kDa. Due to glycosylation, the protein migrates to 30-45 kDa based on Bis-Tris PAGE result. |
| **Purity** | > 95% as determined by Bis-Tris PAGE |
| **Endotoxin** | Less than 1 EU per μg by the LAL method. |
| **Formulation** | Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization. |
| **State** | Lyophilized |
| **Storage** | -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |
| **Reconstitution** | Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions. |
| **Activity validation** | Activity verified |

## Protein Integrity

### Bis-Tris PAGE

Representative product-page data




**Reported result**

Biotinylated Human TREM2 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.