

PRODUCT INFORMATION

| | |
|------------------------------|---|
| Target | TEM1 |
| Synonyms | Endosialin;CD248;CD164L1 |
| Description | Recombinant human TEM1 protein with C-terminal 6×His tag |
| Delivery | In Stock |
| Uniprot ID | Q9HCU0 |
| Expression Host | HEK293 |
| Tag | C-6×His Tag |
| Molecular Characterization | TEM1(Gln18-Arg685) 6×His tag |
| Molecular Weight | The protein has a predicted molecular mass of 72.1 kDa after removal of the signal peptide. The apparent molecular mass of TEM1 -His is approximately 130-250 kDa due to glycosylation. |
| Purity | The purity of the protein is greater than 85% 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 | May play a role in tumor angiogenesis.[UniProtKB/Swiss-Prot Function] |
| Usage | Research use only |
| Conjugate | Unconjugated |



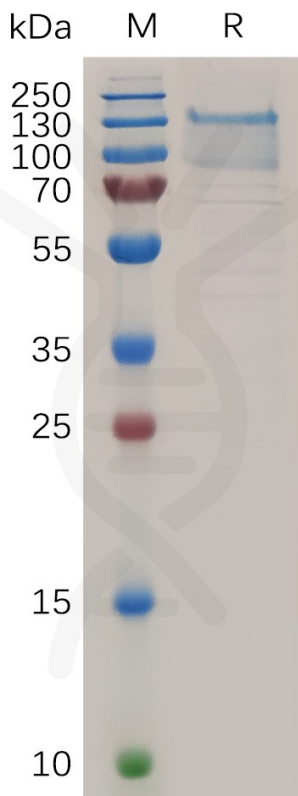


Figure 1. Human TEM1 Protein, His Tag on SDS-PAGE under reducing condition.

Human TEM1, His Tagged protein ELISA
0.2 µg of Human TEM1, His tagged protein per well

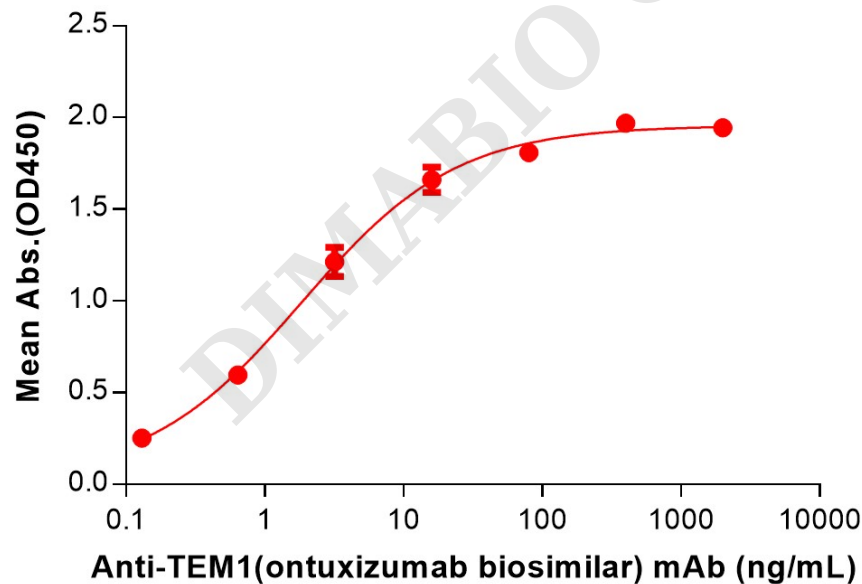


Figure 2. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human TEM1 Protein, His Tag (PME100723) can bind Anti-TEM1(ontuxizumab biosimilar) mAb (BME100216) in a linear range of 0.13-16 ng/mL.

