

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.
Yefei_Storage	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



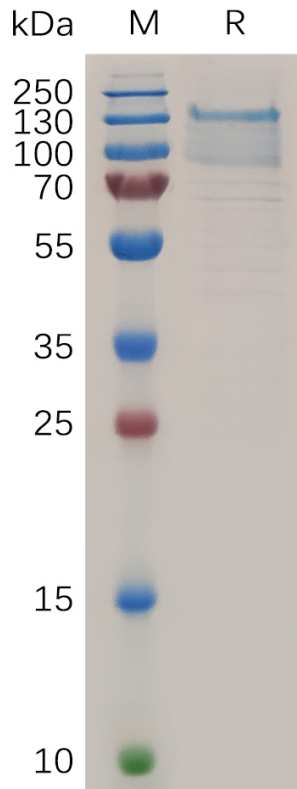


Figure 1. Human TEM1 Protein, His Tag on SDS-PAGE under reducing condition.

Human TEM1, His Tagged protein ELISA

0.2 μg of Human TEM1, His tagged protein per well

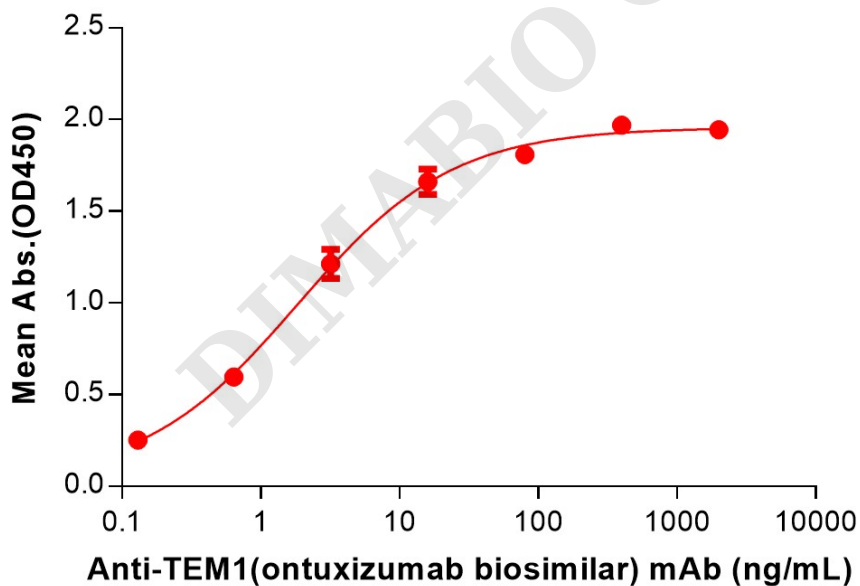


Figure 2. ELISA plate pre-coated by 2 $\mu\text{g}/\text{mL}$ (100 $\mu\text{L}/\text{well}$) Human TEM1 Protein, His Tag (PME100723) can bind Anti-TEM1(ontuxizumab biosimilar) mAb (BME100216) in a linear range of 0.13-16 ng/mL.

