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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
Background	May play a role in tumor angiogenesis.[UniProtKB/Swiss-Prot Function]
Usage	Research use only
Conjugate	Unconjugated

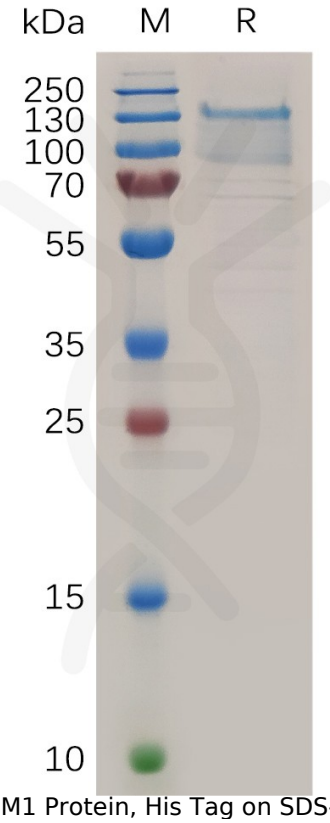

Figure 1. Human TEM1 Protein, His Tag on SDS-PAGE under reducing condition.

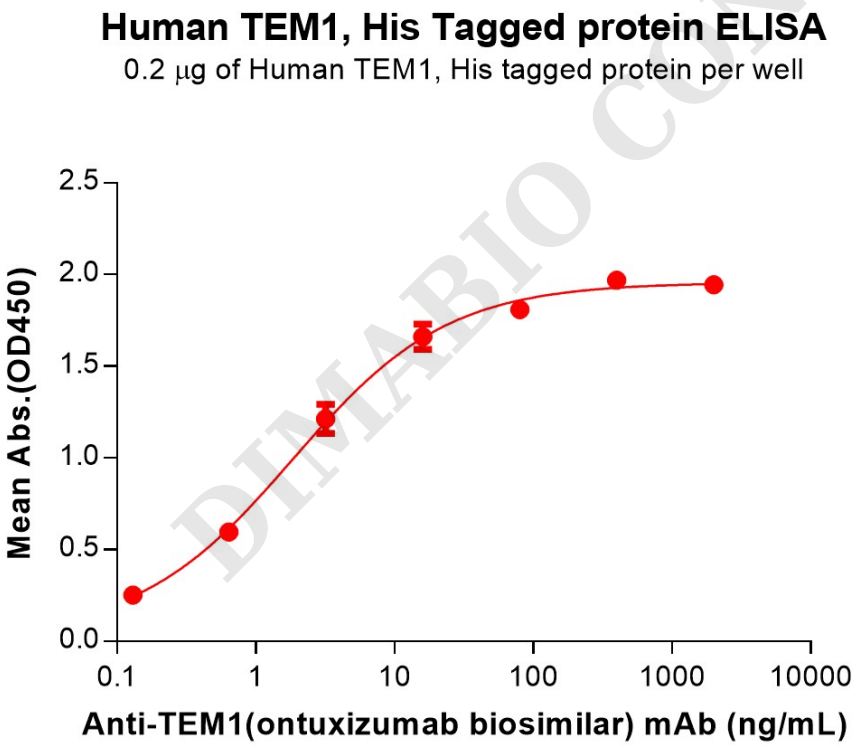

Figure 2. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human TEM1 Protein, His Tag (PME100723) can bind Anti-TEM1(ontuxizumab biosimilar) mAb (BME100216) in a linear range of 0.13–16 ng/mL.