

## PRODUCT INFORMATION

<b>Target</b>	VWF
<b>Synonyms</b>	F8VWF;VWD
<b>Description</b>	Recombinant human VWF(23-2813) protein with C-terminal 6×His tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	P04275
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-6×His Tag
<b>Molecular Characterization</b>	VWF(Ala23-Lys2813) 6×His tag
<b>Molecular Weight</b>	The protein has a predicted molecular mass of 308.0 kDa after removal of the signal peptide.
<b>Purity</b>	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
<b>Formulation &amp; Reconstitution</b>	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.
<b>Storage&amp;Shipping</b>	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.
<b>Background</b>	This gene encodes a glycoprotein involved in hemostasis. The encoded preproprotein is proteolytically processed following assembly into large multimeric complexes. These complexes function in the adhesion of platelets to sites of vascular injury and the transport of various proteins in the blood. Mutations in this gene result in von Willebrand disease, an inherited bleeding disorder. An unprocessed pseudogene has been found on chromosome 22. [provided by RefSeq, Oct 2015]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



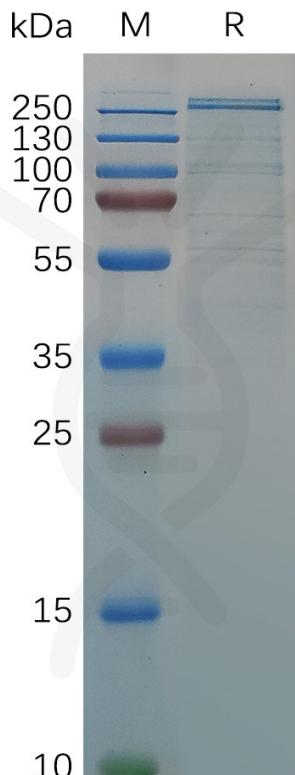
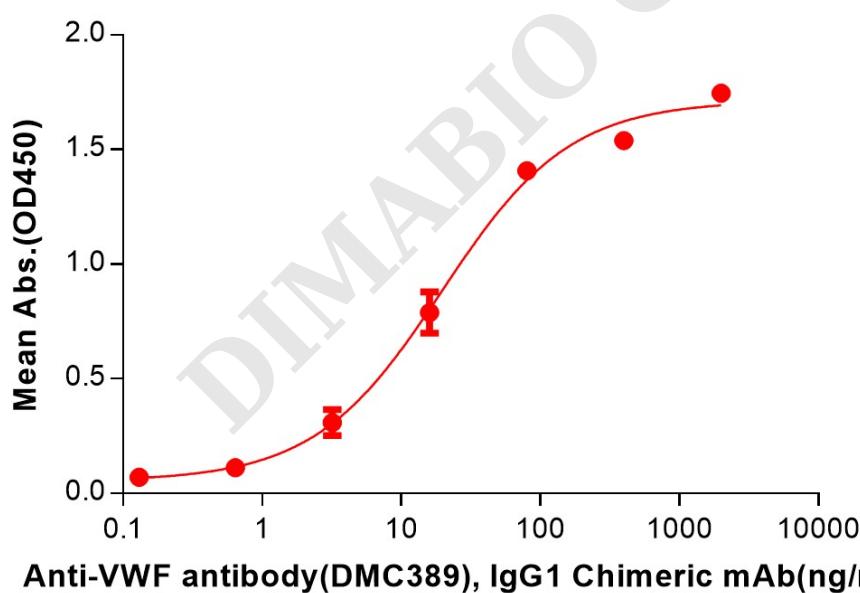


Figure 1. Human VWF (23-2813) Protein, His Tag on SDS-PAGE under reducing condition.

### Human VWF(23-2813), His Tagged protein ELISA

0.2  $\mu$ g of Human VWF(23-2813), His tagged protein per well

Figure 2. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Human VWF (23-2813) Protein, His Tag (PME100690) can bind Anti-VWF antibody(DMC389), IgG1 Chimeric mAb in a linear range of 3.20-80 ng/mL.