PRODUCT INFORMATION

Target	VWF
Synonyms	F8VWF;VWD
Description	Recombinant human VWF(23-2813) protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	P04275
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	VWF(Ala23-Lys2813) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 308.0 kDa after removal of the signal peptide.
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	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]
Usage	Research use only
Conjugate	Unconjugated

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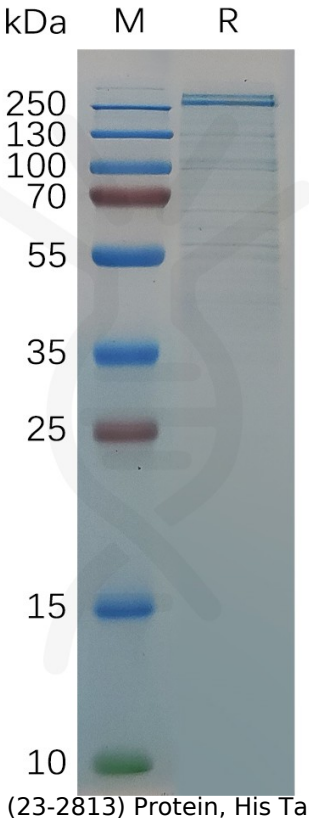


Figure 1.Human VWF (23-2813) Protein, His Tag on SDS-PAGE under reducing condition.

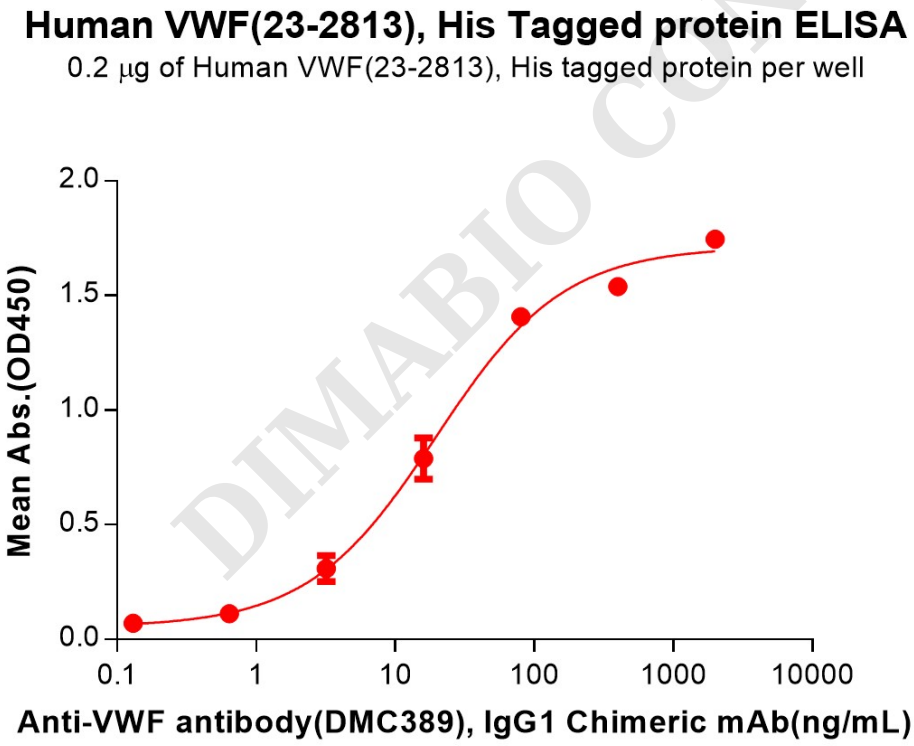


Figure 2. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human VWF (23-2813) Protein, His Tag (PME100690) can bind Anti-VWF antibody(DMC389), IgG1 Chimeric mAb in a linear range of 3.20–80 ng/mL.

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