PRODUCT INFORMATION

Target	ADAMTS13
Synonyms	A disintegrin and metalloproteinase with thrombospondin motifs 13 （ADAM-TS 13，ADAM-TS13，ADAMTS-13，vWF-CP， vWF-cleaving protease
Description	Recombinant human ADAMTS13 protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	Q76LX8
Expression Host	HEK293
Tag	C-6×His tag
Molecular Characterization	ADAMTS13(Gln34-Thr1427)+6×His tag
Molecular Weight	The protein has a predicted molecular mass of 150.8 kDa after removal of the signal peptide. The apparent molecular mass of ADAMTS13-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	This gene encodes a member of a family of proteins containing several distinct regions, including a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. The enzyme encoded by this gene specifically cleaves von Willebrand Factor (vWF). Defects in this gene are associated with thrombotic thrombocytopenic purpura. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]
Usage	Research use only
Conjugate	Unconjugated

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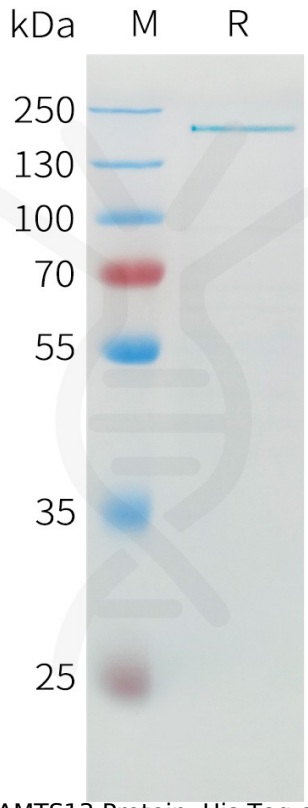


Figure 1. Human ADAMTS13 Protein, His Tag on SDS-PAGE under reducing condition.

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