

## PRODUCT INFORMATION

<b>Target</b>	ADAMTS13
<b>Synonyms</b>	A disintegrin and metalloproteinase with thrombospondin motifs 13 [ADAM-TS 13][ADAM-TS13][ADAMTS-13][vWF-CP] vWF-cleaving protease
<b>Description</b>	Recombinant human ADAMTS13 protein with C-terminal 6×His tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	Q76LX8
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-6×His tag
<b>Molecular Characterization</b>	ADAMTS13(Gln34-Thr1427)+6×His tag
<b>Molecular Weight</b>	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.
<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 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]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



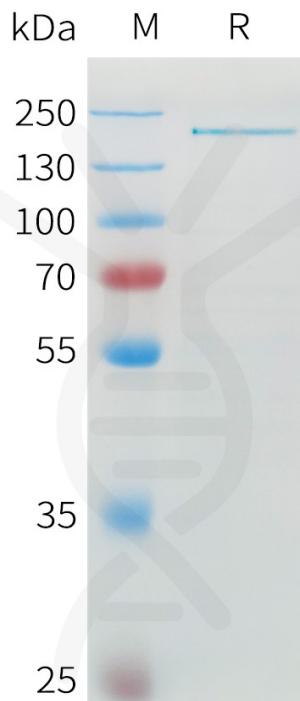


Figure 1. Human ADAMTS13 Protein, His Tag on SDS-PAGE under reducing condition.

