

**PRODUCT INFORMATION**

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|---|---|
| <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  |



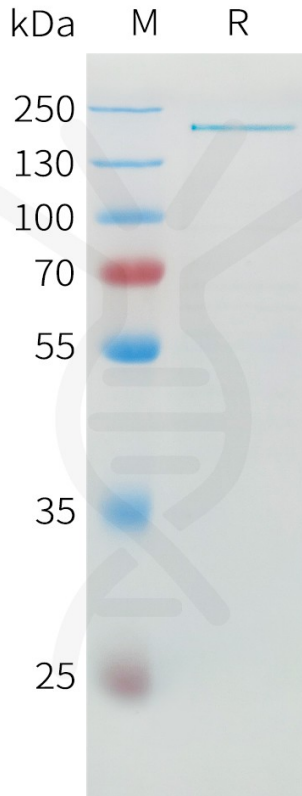


Figure 1. Human ADAMTS13 Protein, His Tag on SDS-PAGE under reducing condition.

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