

## 32-18261: Human ADAMTS13 Protein, His Tag

**Uniprot ID :** Q76LX8

**Alternative Name :** A disintegrin and metalloproteinase with thrombospondin motifs 13 ?ADAM-TS 13?ADAM-TS13?ADAMTS-13?vWF-CP? vWF-cleaving protease

### Description

**Description :** Recombinant human ADAMTS13 protein with C-terminal 6×His tag

**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.

**Molecular Characterization:** 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.

**Tag :** C-6×His tag

### Product Info

**Amount :** 50 µg / 100 µg

**Purification :** The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

**Content :** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

**Storage condition :** 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.

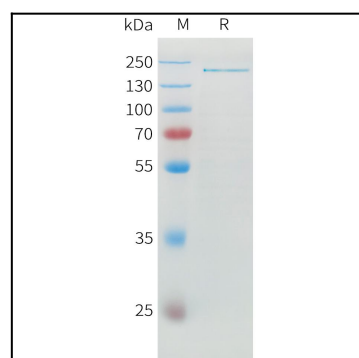


Figure 1. Human ADAMTS13 Protein, His Tag on SDS-PAGE under reducing condition.