

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.

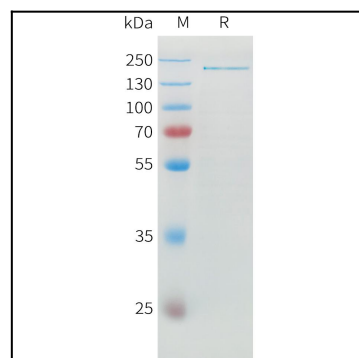


Figure 1. Human ADAMTS13 Protein, His Tag on SDS-PAGE under reducing condition.