

PRODUCT INFORMATION

ADAMTS1 **Target**

Synonyms ADAM-TS 1; ADAM-TS1; ADAMTS-1; METH-1

Recombinant human ADAMTS1 Protein with C-**Description**

terminal 6×His tag

Delivery In Stock **Uniprot ID** Q9UHI8 **Expression Host HEK293** Tag C-6×His Tag

Molecular

Background

Usage

ADAMTS1(Leu50-Ser967) 6×His tag Characterization

The protein has a predicted molecular mass of **Molecular Weight**

101.1 kDa after removal of the signal peptide. The apparent molecular mass of ADAMTS1-His is approximately 100-130 kDa due to glycosylation. The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. 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 Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with

thrombospondin motif) protein family. Members of the family share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. The protein encoded by this gene contains two disintegrin loops and three C-terminal TS motifs and has anti-

angiogenic activity. The expression of this gene may be associated with various inflammatory processes as well as development of cancer cachexia. This gene is likely to be necessary for normal growth, fertility, and organ morphology and function. [provided by RefSeq, Jul 2008]

Research use only

Conjugate Unconjugated

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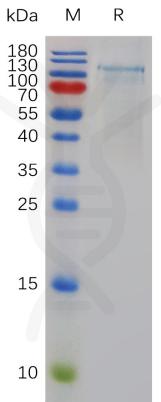


Figure 1. Human ADAMTS1 Protein, His Tag on SDS-PAGE under reducing condition.

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