PRODUCT INFORMATION

Target	ADAMTS1
Synonyms	ADAM-TS 1;ADAM-TS1;ADAMTS-1;METH-1
Description	Recombinant human ADAMTS1 Protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	Q9UHI8
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	ADAMTS1(Leu50-Ser967) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 101.1 kDa after removal of the signal peptide. The apparent molecular mass of ADAMTS1-His is approximately 100-130 kDa due to glycosylation.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	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.
Storage & Shipping	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.
Background	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]
Usage	Research use only
Conjugate	Unconjugated

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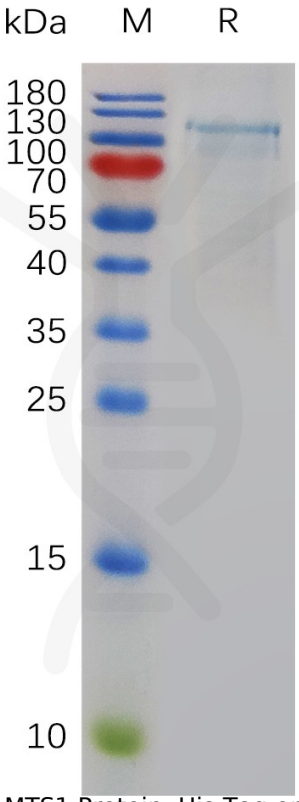

Figure 1. Human ADAMTS1 Protein, His Tag on SDS-PAGE under reducing condition.

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