

Recombinant Human ADAMTS19 protein, His-tagged

Cat. No. ADAMTS19-1468H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADAMTS19 aa. (Tyr325~Pro686) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Tyr325~Pro686
Description	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 has high sequence similarity to the protein encoded by ADAMTS16, another family member.
Form	Freeze-dried powder
Molecular Mass	44kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%

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Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200µg/mL
Storage buffer	100mM NaHCO ₃ , 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 100mM NaHCO ₃ , 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Isoelectric Point	5.8

GENE INFORMATION

Gene Name	ADAMTS19 ADAM metalloproteinase with thrombospondin type 1 motif 19 [Homo sapiens (human)]
Official Symbol	ADAMTS19
Synonyms	ADAMTS19; ADAM metalloproteinase with thrombospondin type 1 motif 19; A disintegrin and metalloproteinase with thrombospondin motifs 19; ADAM-TS 19; ADAM-TS19; ADAMTS-19; a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 19

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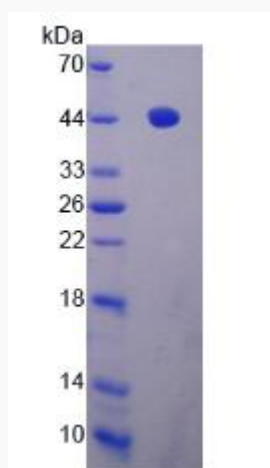
Gene ID 171019

mRNA Refseq NM_133638.4

Protein Refseq NP_598377.4

UniProt ID Q8TE59

SDS-PAGE



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