

Recombinant Human ADAMTS16 protein, His & T7-tagged

Cat. No. ADAMTS16-1471H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADAMTS16 aa. (Leu290~Pro641 (Accession # Q8TE57)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Leu290~Pro641
Description	This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. ADAMTS family members 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 encoded preproprotein is proteolytically processed to generate the mature protein, which may inhibit chondrosarcoma cell proliferation and migration. This gene may regulate blood pressure.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 42.6kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%

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Applications	SDS-PAGE; WB; ELISA; IP.
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.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	8.2

GENE INFORMATION

Gene Name	ADAMTS16 ADAM metalloproteinase with thrombospondin type 1 motif 16 [Homo sapiens (human)]
Official Symbol	ADAMTS16
Synonyms	ADAMTS16; ADAM metalloproteinase with thrombospondin type 1 motif 16; ADAMTS16s; A disintegrin and metalloproteinase with thrombospondin motifs 16; ADAM-TS 16; ADAM-TS16; ADAMTS-16; a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 16
Gene ID	170690
mRNA Refseq	NM_139056.3

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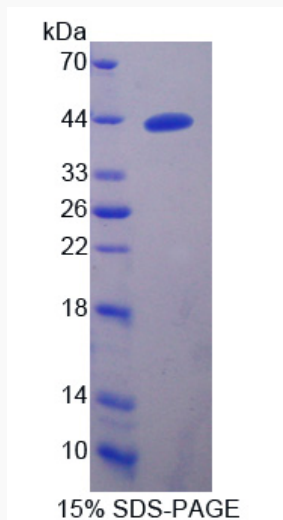
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Protein Refseq NP_620687.2

UniProt ID Q8TE57

SDS-PAGE



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