

Recombinant Human ADAMTS2 protein, His & SUMO-tagged

Cat. No. ADAMTS2-1778H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADAMTS2 aa. (Gln23~Pro161) fused with N-terminal His & SUMO tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Gln23~Pro161
Form	Freeze-dried powder
Molecular Mass	40kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>94%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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	-80°C for 12 months.
Concentration	200µg/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Isoelectric Point	4.2
GENE INFORMATION	
Gene Name	ADAMTS2 ADAM metalloproteinase with thrombospondin type 1 motif 2 [Homo sapiens (human)]
Official Symbol	ADAMTS2
Synonyms	NPI; PNPI; PCINP; PCPNI; PCI-NP; PC I-NP; ADAM-TS2; ADAMTS-2; ADAMTS-3; a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 2; procollagen I N-proteinase; procollagen I/II amino propeptide-processing enzyme; procollagen N-endopeptidase; A disintegrin and metalloproteinase with thrombospondin motifs 2
Gene ID	9509
mRNA Refseq	NM_014244.4
Protein Refseq	NP_055059.2

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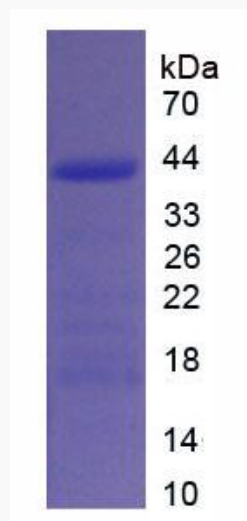
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UniProt ID

O95450

SDS-PAGE

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