

Active Recombinant Human ADAMTS13 protein, His-tagged

Cat. No. ADAMTS13-820H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADAMTS13(Gln34-Thr1427) fused with His tag at C-terminal was expressed in CHO.
Species	Human
Source	CHO
ProteinLength	34-1427 a.a.
Predicted N Terminal	Ala75
Form	Supplied as a 0.2 µm filtered solution in Sodium Acetate, NaCl and Brij-35.
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate, FRET-S-VWF73. The specific activity is >10 pmol/min/µg.
Molecular Mass	Predicted Molecular Mass: 147 kDa; SDS-PAGE: 160-180 kDa, reducing conditions.
Endotoxin	<1.0 EU per 1 µg of the protein by the LAL method.
Purity	>90%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.
Storage	Avoid repeated freeze-thaw cycles.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

6 months from date of receipt, -20 to -70 centigrade as supplied.
3 months, -20 to -70 centigrade under sterile conditions after opening.

GENE INFORMATION

Gene Name	ADAMTS13 ADAM metallopeptidase with thrombospondin type 1 motif, 13 [Homo sapiens]
Official Symbol	ADAMTS13
Synonyms	ADAMTS13; ADAM metallopeptidase with thrombospondin type 1 motif, 13; a disintegrin like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 13 , C9orf8; A disintegrin and metalloproteinase with thrombospondin motifs 13; DKFZp434C2322; FLJ42993; MGC118899; MGC118900; TTP; vWF CP; VWFCP; ADAM-TS 13; vWF-cleaving protease; von Willebrand factor-cleaving protease; a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 13; 13; C9orf8; vWF-CP; ADAM-TS; ADAM-TS13; ADAMTS-13;
Gene ID	11093
mRNA Refseq	NM_139025
Protein Refseq	NP_620594
MIM	604134
UniProt ID	Q76LX8
Chromosome Location	9q34

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Function

calcium ion binding; integrin binding; metalloendopeptidase activity; metallopeptidase activity; metallopeptidase activity; peptidase activity; protein binding; zinc ion binding; zinc ion binding;

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