

Recombinant Human ADAMTS13, MYC/DDK-tagged

Cat. No. ADAMTS13-137H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADAMTS13, fused with C-terminal MYC/DDK, was expressed in HEK293 cells.
Species	Human
Source	HEK293
ProteinLength	1-1427 aa
Description	This gene encodes a member of a family of proteins containing several distinct regions, including a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. The enzyme encoded by this gene specifically cleaves von Willebrand Factor (vWF). Defects in this gene are associated with thrombotic thrombocytopenic purpura. Alternative splicing results in multiple transcript variants.
Molecular Mass	149.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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