

Recombinant Human ADAMTS13 Protein, GST-tagged

Cat. No. ADAMTS13-299H **Lot. No.** (See product label)

SPECIFICATION

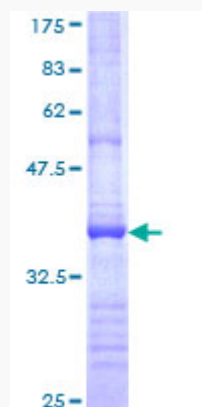
Product Overview	Human ADAMTS13 partial ORF (NP_620594, 1328 a.a. - 1427 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of a family of proteins containing several distinct regions, including a metalloproteinase domain, a disintegrin-like 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. [provided by RefSeq, Jul 2013]
Molecular Mass	36.74 kDa
AA Sequence	FINVAPHARIAIHALATNMGAGTEGANASYILIRDTHSLRTTAFHGQQVLYWESESSQ AEMEFSEGFLKAQASLRGQYWTLQSWVPEMQDPQSWKGKEGT
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	ADAMTS13 ADAM metalloproteinase with thrombospondin type 1 motif, 13 [Homo sapiens]
Official Symbol	ADAMTS13
Synonyms	ADAMTS13; ADAM metalloproteinase with thrombospondin type 1 motif, 13; a disintegrin like and metalloproteinase (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 metalloproteinase (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



12.5% SDS-PAGE Stained with Coomassie Blue.

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