

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 AEMEFSEGFLKAQASLRGQYWTLSWVPEMQDPQSWKGKEGT
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 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

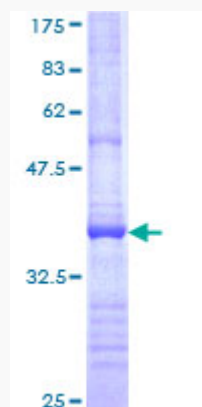
MIM 604134

UniProt ID Q76LX8

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12.5% SDS-PAGE Stained with Coomassie Blue.

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