

A disintegrin and metalloproteinase with thrombospondin motifs 13 (Adamts13) Recombinant Protein | Adamts13 recombinant protein

Recombinant Mouse A disintegrin and metalloproteinase with thrombospondin motifs 13 (Adamts13) , partial

CATALOG # AAA117152	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

A disintegrin and metalloproteinase with thrombospondin motifs 13 (Adamts13); Recombinant Mouse A disintegrin and metalloproteinase with thrombospondin motifs 13 (Adamts13); partial; Adamts13 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	904-1137aa; partial
Sequence	WTPLVGLCSI SCGRGLKELY FLCMDSVLKM PVQEELCGLA SKPPSRWEVC RARPCPARWE TQVLAPCPVT CGGGRVPLSV RCVQLDRGHP ISVPHSKCSP VPKPGSFEDC SPEPCPARWK VLSLGPCSAS CGLGTATQMV ACMQLDQGHG NEVNETFCKA LVRPQASVPC LIADCAFRWH ISAWTECSVS CGDGIQRRHD TCLGPQAQVP VPANFCQHLP KPMTVRGCWA GPCA
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Adamts13 recombinant protein	This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motif) protein family. Members of the family share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. The enzyme encoded by this gene is the von Willebrand Factor (vWF)-cleaving protease, which is responsible for cleaving at the site of Tyr842-Met843 of the vWF molecule. A deficiency of this enzyme is associated with thrombotic thrombocytopenic purpura. Alternative splicing of this gene generates multiple transcript variants encoding different isoforms.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47604978
NCBI GeneID	279028
NCBI Accession #	NP_001001322.1
NCBI GenBank Nucleotide #	NM_001001322.2
UniProt Accession #	Q769J6 ; Q76LW1 ; A2ALB4
Molecular Weight	32.7 kDa
NCBI Official Full Name	A disintegrin and metalloproteinase with thrombospondin motifs 13 isoform 1 preproprotein
NCBI Official Synonym Full Names	a disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 13

NCBI Official Symbol	Adamts13
NCBI Official Synonym Symbols	Gm710; vWF-CP; ADAM-TS13; ADAMTS-13
NCBI Protein Information	A disintegrin and metalloproteinase with thrombospondin motifs 13
UniProt Protein Name	A disintegrin and metalloproteinase with thrombospondin motifs 13
UniProt Gene Name	Adamts13
UniProt Synonym Gene Names	Gm710; ADAM-TS 13; ADAM-TS13; ADAMTS-13; vWF-CP; vWF-cleaving protease

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/adamts13-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117152>