

A disintegrin and metalloproteinase with thrombospondin motifs 2 (ADAMTS2) Recombinant Protein | ADAMTS2 recombinant protein

Recombinant Human A disintegrin and metalloproteinase with thrombospondin motifs 2 (ADAMTS2) , partial

CATALOG # AAA114328	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

A disintegrin and metalloproteinase with thrombospondin motifs 2 (ADAMTS2); Recombinant Human A disintegrin and metalloproteinase with thrombospondin motifs 2 (ADAMTS2); partial; ADAMTS2 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	254-492. Partial.
Sequence	RRRARRHAAD DDYNIEVLLG VDDSVVQFHG KEHVQKYLLT LMNIVNEIYH DESLGAHINV VLVRILLISY GKSMLEIG NPSQLENVC RWAYLQKQPD TGHDEYHDHA IFLTRQDFGP SGMQGYAPVT GMCHPVRSC T LNHEGDFSSA FVVAHETGHV LGMEHDGQGN RCGDEVRLGS IMAPLVQAAF HRFHWSRCSQ QELSRYLHSY DCLDDPFAH DWPALPQLPG LHYSMNEQC
Sequence Length	492
Species	Human
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 ADAMTS2 recombinant protein	This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) 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 excises the N-propeptide of type I, type II and type V procollagens. Mutations in this gene cause Ehlers-Danlos syndrome type VIIC, a recessively inherited connective-tissue disorder. Alternative splicing results in two transcript variants. The short transcript encodes a protein which has no significant procollagen N-peptidase activity.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	110825974
NCBI GeneID	9509
NCBI Accession #	NP_055059.2
NCBI GenBank Nucleotide #	NM_014244.4
UniProt Accession #	O95450
Molecular Weight	32.2 kDa

NCBI Official Full Name	A disintegrin and metalloproteinase with thrombospondin motifs 2 isoform 1 preproprotein
NCBI Official Synonym Full Names	ADAM metalloproteinase with thrombospondin type 1 motif 2
NCBI Official Symbol	ADAMTS2
NCBI Official Synonym Symbols	NPI; PNPI; PCINP; PCPNI; PCI-NP; PC I-NP; ADAM-TS2; ADAMTS-2; ADAMTS-3; EDSDERMS
NCBI Protein Information	A disintegrin and metalloproteinase with thrombospondin motifs 2
UniProt Protein Name	A disintegrin and metalloproteinase with thrombospondin motifs 2
UniProt Gene Name	ADAMTS2
UniProt Synonym Gene Names	PCINP; PCPNI; ADAM-TS 2; ADAM-TS2; ADAMTS-2; PC I-NP; pNPI

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/adamts2-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114328>