

A disintegrin and metalloproteinase with thrombospondin motifs 14 (ADAMTS14) Recombinant Protein | ADAMTS14 recombinant protein

Recombinant Human A disintegrin and metalloproteinase with thrombospondin motifs 14 (ADAMTS14) , partial

CATALOG #
AAA117318

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

A disintegrin and metalloproteinase with thrombospondin motifs 14 (ADAMTS14); Recombinant Human A disintegrin and metalloproteinase with thrombospondin motifs 14 (ADAMTS14); partial; ADAMTS14 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	253-555aa; Partial
Sequence	HAKPGSYSIE VLLVDDSVV RFHGKEHVQN YVLTLMNIVD EYHDESLGV HINIALVRLI MVGYRQSLSL IERGNPSRSL EQVCRWAHSQ QRQDPShAEH HDHVFLTRQ DFGPSGYAPV TGMCHPLRSC ALNHEDGFSS AFVIAHETGH VLGMEHDGQG NGCADETSLG SVMAPLVQAA FHRFHWSRCS KLELSRYLPS YDCLDDPFD PAWPQPPELP GINYSMDEQC RFDFGSGYQT CLAFRTFEPC KQLWCSPDN PYFCKTKKGP PLDGTECAPG KWCFKGHCW KSPEQTYGQD GGW
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 ADAMTS14 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. This gene is highly similar to two family members, ADAMTS2 and ADAMTS3, in its sequence and gene structure, and the encoded protein shares the aminoprocollagen peptidase activity with the protein products encoded by ADAMTS2 and ADAMTS3. Various transcript variants of this gene have been identified. They result from the use of two different promoters and transcription initiation sites as well as alternative splicing sites. The full length nature of some transcripts has not been defined.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21265052
NCBI GeneID	140766
NCBI Accession #	NP_542453.2
NCBI GenBank Nucleotide #	NM_080722.4
UniProt Accession #	Q8WXS8; Q5T4G0; Q5T4G1; Q8TE55; Q8TEY8
Molecular Weight	134,205 Da

NCBI Official Full Name	A disintegrin and metalloproteinase with thrombospondin motifs 14 isoform 2 preproprotein
NCBI Official Synonym Full Names	ADAM metallopeptidase with thrombospondin type 1 motif 14
NCBI Official Symbol	ADAMTS14
NCBI Protein Information	A disintegrin and metalloproteinase with thrombospondin motifs 14
UniProt Protein Name	A disintegrin and metalloproteinase with thrombospondin motifs 14
UniProt Gene Name	ADAMTS14
UniProt Synonym Gene Names	ADAM-TS 14; ADAM-TS14; ADAMTS-14

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/adamts14-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117318>