

## A disintegrin and metalloproteinase with thrombospondin motifs 12 (ADAMTS12) Recombinant Protein | ADAMTS12 recombinant protein

Recombinant Human A disintegrin and metalloproteinase with thrombospondin motifs 12 (ADAMTS12) , partial

CATALOG #  
AAA113940

HOST  
E Coli or Yeast or Baculovirus or Mammalian Cell

### PRODUCT SYNONYMS

A disintegrin and metalloproteinase with thrombospondin motifs 12 (ADAMTS12); Recombinant Human A disintegrin and metalloproteinase with thrombospondin motifs 12 (ADAMTS12); partial; ADAMTS12 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      | 246-544aa; Partial                                                                                                                                                                                                                                                                                                                                    |
| Sequence                | RWVETLVVAD TKMIEYHGSE NVESYILTIM NMVTGLFHNP SIGNAIHIVV VRLILLEEEE QGLKIVHHA<br>E KTLSSFCWKQ KSINPKSDLN PVHHDVAVLL TRKDICAGFN RPCETLGLSH LSGMCQPHRS CNINEDSGLP<br>LAFTIAHELG HSFQIQHDGK ENDCEPVGRH PYIMSRQLQY DPTPLTWSKC SEEYITRFLD RGWGFCLDDI<br>PKKKGLKSKV IAPGVIYDVH HQCQLQYGPN ATFCQEVENV CQTLWCSVKG FCRSKLDAAA DGTQCGEKKW<br>CMAGKCITVG KKPESIPGG |
| 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

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|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for ADAMTS12 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-1) motif. Individual members of this family differ in the number of C-terminal TS-1 motifs, and some have unique C-terminal domains. The enzyme encoded by this gene contains eight TS-1 motifs. It may play roles in pulmonary cells during fetal development or in tumor processes through its proteolytic activity or as a molecule potentially involved in regulation of cell adhesion. |
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### NCBI AND UNIPROT INFORMATION

|                           |                                                                             |
|---------------------------|-----------------------------------------------------------------------------|
| NCBI GI #                 | 1027250538                                                                  |
| NCBI GeneID               | 81792                                                                       |
| NCBI Accession #          | NP_001311440.1                                                              |
| NCBI GenBank Nucleotide # | NM_001324511.1                                                              |
| UniProt Accession #       | P58397; Q6UWL3; A2RRN9; A5D6V6                                              |
| Molecular Weight          | 168,460 Da                                                                  |
| NCBI Official Full Name   | A disintegrin and metalloproteinase with thrombospondin motifs 12 isoform 2 |

|                                  |                                                                   |
|----------------------------------|-------------------------------------------------------------------|
| NCBI Official Synonym Full Names | ADAM metallopeptidase with thrombospondin type 1 motif 12         |
| NCBI Official Symbol             | ADAMTS12                                                          |
| NCBI Official Synonym Symbols    | PRO4389                                                           |
| NCBI Protein Information         | A disintegrin and metalloproteinase with thrombospondin motifs 12 |
| UniProt Protein Name             | A disintegrin and metalloproteinase with thrombospondin motifs 12 |
| UniProt Gene Name                | <b>ADAMTS12</b>                                                   |
| UniProt Synonym Gene Names       | ADAM-TS 12; ADAM-TS12; ADAMTS-12                                  |

**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/adamts12-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113940>