



Recombinant Human A disintegrin and metalloproteinase with thrombospondin motifs 1 (ADAMTS1)

Product Code	CSB-EP890696HU
Abbreviation	ADAMTS1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9UHI8
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	FVSSHRYV ETMLVADQSM AEFHGSLKH YLLTLFSVAA RLYKHPSIRN SVSLVVVKIL VIHDEQKGPE VTSNAALTLR NFCNWQKQHN PPSDRDAEHY DTAILFTRQD LCGSQTCDTL GMADVGTVCD PSRSCSVIED DGLQAAFTTA HELGHVFNMP HDDAKQCASL NGVNQDSHMM ASMLSNLDHS QPWSPCSAYM ITSFLDNGHG ECLMDKPQNP IQLPGDLPGT SYDANRQCQF TFGEDSKHCP DAASTCSTLW CTGTSGGVLV CQTKHFPWAD GTSCGEGKWC INGKCVNKTD RKHFDTPFHG SWGMWGPWGD CSRTC GGGVQ YTMRECDNPV PKNGGKYCEG KRVRYRSCNL EDCPDNNGKT FREEQCEAHN EFSKASFGSG PAVEWIPKYA GVSPKDRCKL ICQAKGIGYF FVLQPKVVDG TPCSPDSTSV CVQQQCVKAG CDRIIDSKKK FDKCGVCGGN GSTCKKISGS VTSAPGYHD IITPTGATN IEVKQRNQRG SRNNGSFLAI KAADGTYILN GDYTLSTLEQ DIMYKGVVLR YSGSSAALER IRSFSPKLEP LTIQVLTVGN ALRPKIKYTY FVKKKKESFN APTFSAWVI EEWGECSKSC ELGWQRRLVE CRDINGQPAS ECAKEVKPAS TRPCADHPCP QWQLGEWSSC SKTCGKGYKK RSLKCLSHDG GVLSHESCDP LKKPKHFIDF CTMAECS
Source	E.coli
Target Names	ADAMTS1
Protein Names	Recommended name: A disintegrin and metalloproteinase with thrombospondin motifs 1 Short name= ADAM-TS 1 Short name= ADAM-TS1 Short name= ADAMTS-1 EC= 3.4.24.- Alternative name(s): METH-1
Expression Region	253-967
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.

**Protein Length**

Full Length of Mature Protein

Target Details

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 protein contains two disintegrin loops and three C-terminal TS motifs and has anti-angiogenic activity. The expression of this gene may be associated with various inflammatory processes as well as development of cancer cachexia. This gene is likely to be necessary for normal growth, fertility, and organ morphology and function.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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