

A disintegrin and metalloproteinase with thrombospondin motifs 7 Recombinant Protein | ADAMTS7 recombinant protein

Recombinant Human A disintegrin and metalloproteinase with thrombospondin motifs 7

CATALOG # AAA116695	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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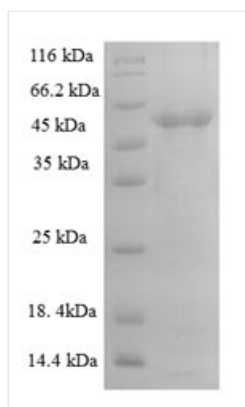
PRODUCT SYNONYMS

A disintegrin and metalloproteinase with thrombospondin motifs 7; Recombinant Human A disintegrin and metalloproteinase with thrombospondin motifs 7; COMPase; ADAMTS7 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	242-593aa; Partial
Sequence	KWVETLVVAD AKMVEYHGQP QVESYVLTIM NMVAGLFHDP SIGNPIHITI VRLVLEDEE EDLKITHHAD NTLKSFCWKQ KSINMKGDAH PLHHDTAILL TRKDLCAAMN RPCETLGLSH VAGMCQPHRS CSINEDTGLP LAFTVAHELK HSFQIHDGS GNDCEPVGKR PFIMSPQLLY DAAPLTWSRC SRQYITRFLD RGWGLCLDDP PAKDIIDFPS VPPGVLYDVS HQCRLQYGAY SAFCEDMDNV CHTLWCSVGT TCHSKLDAAV DGTRCGENKW CLSGECVPVG FRPEAVDGGW SGWSAWSICS RSCGMGVQSA ERQCTQPTPK YKGRYCVGER KRFRCLNLQA CP
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for ADAMTS7 recombinant protein	Metalloprotease that may play a role in the degradation of COMP.
Product Categories/Family for ADAMTS7 recombinant protein	Cell Biology

References	ADAMTS-7 a metalloproteinase that directly binds to and degrades cartilage oligomeric matrix protein.Liu C.-J., Kong W., Ilalov K., Yu S., Xu K., Prazak L., Fajardo M., Sehgal B., Di Cesare P.E.FASEB J. 20:988-990(2006) ADAM-TS5, ADAM-TS6, and ADAM-TS7, novel members of a new family of zinc metalloproteases.Hurskainen T.L., Hirohata S., Seldin M.F., Apte S.S.J. Biol. Chem. 274:25555-25563(1999) ADAMTS7B, the full-length product of the ADAMTS7 gene, is a chondroitin sulfate proteoglycan containing a mucin domain.Somerville R.P.T., Longpre J.-M., Apel E.D., Lewis R.M., Wang L.W., Sanes J.R., Leduc R., Apte S.S.J. Biol. Chem. 279:35159-35175(2004)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38683827
NCBI GeneID	11173
NCBI Accession #	NP_055087.2
NCBI GenBank Nucleotide #	NM_014272.3
UniProt Accession #	Q9UKP4; Q14F51; Q6P7J9
Molecular Weight	41.1 kDa
NCBI Official Full Name	A disintegrin and metalloproteinase with thrombospondin motifs 7 preproprotein
NCBI Official Synonym Full Names	ADAM metallopeptidase with thrombospondin type 1 motif 7
NCBI Official Symbol	ADAMTS7
NCBI Official Synonym Symbols	ADAM-TS7; ADAMTS-7; ADAM-TS 7
NCBI Protein Information	A disintegrin and metalloproteinase with thrombospondin motifs 7
UniProt Protein Name	A disintegrin and metalloproteinase with thrombospondin motifs 7
UniProt Gene Name	ADAMTS7
UniProt Synonym Gene Names	ADAM-TS 7; ADAM-TS7; ADAMTS-7
UniProt Entry Name	ATS7_HUMAN

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.