

A Disintegrin And Metalloproteinase With Thrombospondin 2 (ADAMTS2) Recombinant Protein | ADAMTS2 recombinant protein

Recombinant A Disintegrin And Metalloproteinase With Thrombospondin 2 (ADAMTS2)

CATALOG # AAA135593	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

A Disintegrin And Metalloproteinase With Thrombospondin 2 (ADAMTS2); Recombinant A Disintegrin And Metalloproteinase With Thrombospondin 2 (ADAMTS2); ADAMTS2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 100ug/mL (varies by lot)
Applicable Applications for ADAMTS2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Val855~Pro1030
Tags	N-terminal His Tag
Subcellular Location	Secreted, Extracellular
Traits	Freeze-dried powder
Predicted isoelectric point	9.5
Usage	Reconstitute in ddH2O to a concentration of 0-0.125 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition



VRHEWA LKKNSPCSKP CGGGSQFTKY GGRRLDSKA VHRAPCSALA
KPKAIRACN PQECSPVWV TGENEPTQS CGRTGQVRS VRCIQPLHNN
TTPSVHTKHC NDHRPESRRA CNPELCGRW PAGESMOCVS TCGNGTQERP
VLCRTADDNF GVCREEPET ARICLAPCP

Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	33563307
NCBI GeneID	216725
NCBI Accession #	NP_783574.1
NCBI GenBank Nucleotide #	NM_175643.3
UniProt Accession #	Q8C9W3
Molecular Weight	Predicted Molecular Mass: 21.2kDa Accurate Molecular Mass: 22kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	A disintegrin and metalloproteinase with thrombospondin motifs 2 isoform 1 preproprotein
NCBI Official Synonym Full Names	a disintegrin-like and metalloproteinase (reprolysin type) with thrombospondin type 1 motif, 2
NCBI Official Symbol	Adams2
NCBI Official Synonym Symbols	pNPI; PCINP; hPCPNI; ADAM-TS2; ADAMTS-2; ADAMTS-3; mKIAA4060
NCBI Protein Information	A disintegrin and metalloproteinase with thrombospondin motifs 2; PC I-NP; ADAM-TS 2; procollagen N-proteinase; procollagen N-endopeptidase; procollagen I/II amino propeptide-processing enzyme; a disintegrin and metalloproteinase with thrombospondin repeats; a disintegrin-like and metalloproteinase (reprolysin type) with thrombospondin type 1 motif, 2
UniProt Protein Name	A disintegrin and metalloproteinase with thrombospondin motifs 2
UniProt Gene Name	Adams2
UniProt Synonym Gene Names	ADAM-TS 2; ADAM-TS2; ADAMTS-2; PC I-NP; pNPI
UniProt Entry Name	ATS2_MOUSE

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.