Recombinant Mouse Adamts2 protein, His-tagged

Cat. No. Adamts2-1757M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Adamts2 aa. (Val855~Pro1030 (Accession # Q8C9W3)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Val855~Pro1030
Description	This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin repeats) family of proteinases that is involved in the proteolytic processing of procollagens. The encoded protein precursor is proteolytically processed to generate a mature, zinc-dependent enzyme. Mice lacking the encoded protein develop abnormal lungs, fragile skin and male sterility.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 21.2kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.

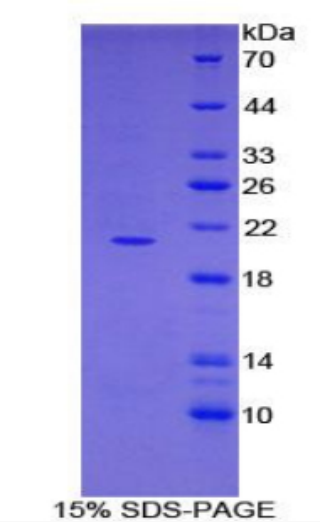
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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	9.5

GENE INFORMATION

Gene Name	Adamts2 a disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 2 [Mus musculus (house mouse)]
Official Symbol	Adamts2
Synonyms	Adamts2; a disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 2; pNPI; PCINP; PC I-NP; ADAM-TS2; A disintegrin and metalloproteinase with thrombospondin motifs 2; ADAMTS-2; ADAM-TS 2; a disintegrin and metalloproteinase with thrombospondin repeats; a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 2; procollagen I/II amino propeptide-processing enzyme; procollagen N-endopeptidase; procollagen N-proteinase
Gene ID	216725

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mRNA Refseq	NM_175643.3
Protein Refseq	NP_783574.1
UniProt ID	Q8C9W3
SDS-PAGE	

15% SDS-PAGE

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