

## Recombinant Mouse Adamts2 protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Adamts2 aa. (Val855~Pro1030 (Accession # Q8C9W3)) fused with N-terminal His tag was produced in E. coli cells.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Val855~Pro1030
<b>Description</b>	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.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 21.2kDa
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Stability</b>	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.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Storage buffer</b>	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
<b>Reconstitution</b>	Reconstitute in sterile PBS, pH7.2-pH7.4.
<b>Isoelectric Point</b>	9.5
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">Adamts2 a disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 2 [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	<a href="#">Adamts2</a>
<b>Synonyms</b>	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
<b>Gene ID</b>	<a href="#">216725</a>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

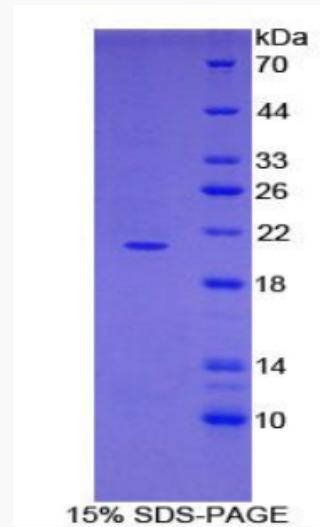
 45-1 Ramsey Road, Shirley, NY 11967, USA

mRNA Refseq [NM\\_175643.3](#)

Protein Refseq [NP\\_783574.1](#)

UniProt ID [Q8C9W3](#)

SDS-PAGE



 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA