

# ADAMTS18 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00170692-T01      Size 100 uL

## Applications

### SDS-PAGE Gel

ADAMTS18 transfected lysate.

□

### Western Blot

Lane 1: ADAMTS18 transfected lysate ( 135.1 KDa)

Lane 2: Non-transfected lysate.

□

## Specification

Transfected Cell Line	293T
Plasmid	pCMV-ADAMTS18 full-length
Host	Human
Theoretical MW (kDa)	135.1

## Quality Control Testing

Transient overexpression cell lysate was tested with Anti-ADAMTS18 antibody ([H00170692-B01](#)) by Western Blots.  
SDS-PAGE Gel  
ADAMTS18 transfected lysate.  
Western Blot  
Lane 1: ADAMTS18 transfected lysate ( 135.1 KDa)  
Lane 2: Non-transfected lysate.

## Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

## Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot

## Gene Info — ADAMTS18

## Entrez GeneID

[170692](#)

## GeneBank Accession#

[BC063283.1](#)

## Protein Accession#

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## Gene Name

ADAMTS18

## Gene Alias

ADAMTS21

## Gene Description

ADAM metalloproteinase with thrombospondin type 1 motif, 18

## Omim ID

[607512](#)

## Gene Ontology

[Hyperlink](#)

## Gene Summary

This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. ADAMTS family members 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. The protein encoded by this gene has a high sequence similarity to the protein encoded by gene ADAMTS16, another family member. It is thought to function as a tumor suppressor. Alternatively spliced transcript variants have been identified, but their biological validity has not been determined. [provided by RefSeq]

**Other Designations**

a disintegrin-like and metalloprotease (repolysin type) with thrombospondin type 1 motif, 18|a disintegrin-like and metalloprotease (repolysin type) with thrombospondin type 1 motif, 21|disintegrin and metalloprotease-like protein

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