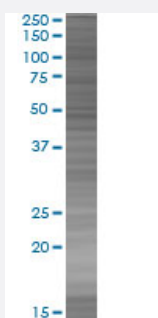


ADAMTS4 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00009507-T01

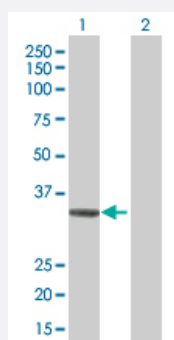
Size 100 uL

Applications



SDS-PAGE Gel

ADAMTS4 transfected lysate.



Western Blot

Lane 1: ADAMTS4 transfected lysate (36 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-ADAMTS4 full-length
Host	Human
Theoretical MW (kDa)	36
Interspecies Antigen Sequence	Rat (84)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-ADAMTS4 antibody ([H00009507-B01](#)) by Western Blots.
SDS-PAGE Gel
ADAMTS4 transfected lysate.
Western Blot
Lane 1: ADAMTS4 transfected lysate (36 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 — ADAMTS4

Entrez GeneID[9507](#)**GeneBank Accession#**[BC030812.1](#)**Protein Accession#**[-](#)**Gene Name**

ADAMTS4

Gene Alias

ADAMTS-2, ADAMTS-4, ADMP-1, KIAA0688

Gene Description

ADAM metalloproteinase with thrombospondin type 1 motif, 4

Omim ID[603876](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. Members of the family 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 enzyme encoded by this gene lacks a C-terminal TS motif. It is responsible for the degradation of aggrecan, a major proteoglycan of cartilage, and brevican, a brain-specific extracellular matrix protein. The cleavage of aggrecan and brevican suggests key roles of this enzyme in arthritic disease and in the central nervous system, potentially, in the progression of glioma. [provided by RefSeq]

Other Designations

OTTHUMP00000032249|a disintegrin-like and metalloprotease (repolysin type) with thrombospondin type 1 motif, 4|aggrecanase-1

Disease

- [Dominance](#)
- [Schizophrenia](#)