

Recombinant Human ADAMTS18 cell lysate

Cat. No. ADAMTS18-26HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	ADAMTS18 ADAM metalloproteinase with thrombospondin type 1 motif, 18 [Homo sapiens]
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Official Symbol	ADAMTS18
Synonyms	ADAMTS18; ADAM metallopeptidase with thrombospondin type 1 motif, 18; a disintegrin like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 18 , ADAMTS21; A disintegrin and metalloproteinase with thrombospondin motifs 18; disintegrin and metalloprotease-like protein; a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 18; a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 21; KNO2; ADAMTS21;
Gene ID	170692
mRNA Refseq	NM_199355
Protein Refseq	NP_955387
MIM	607512
UniProt ID	Q8TE60
Chromosome Location	16q23
Function	metal ion binding; metalloendopeptidase activity; peptidase activity; zinc ion binding;