

Recombinant Human ADAMTS10 293 Cell Lysate

Cat. No. ADAMTS10-9032HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for ADAM metalloproteinase with thrombospondin type 1 motif, 10 (ADAMTS10) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	ADAMTS10 ADAM metalloproteinase with thrombospondin type 1 motif, 10 [Homo sapiens]
Official Symbol	ADAMTS10
Synonyms	ADAMTS10; ADAM metalloproteinase with thrombospondin type 1 motif, 10; a disintegrin like and metalloproteinase (reprolysin type) with thrombospondin type 1 motif, 10; A disintegrin and metalloproteinase with thrombospondin motifs 10; ADAM TS10; ADAMTS-10; ADAM-TS 10; zinc metalloendopeptidase; a disintegrin-like and metalloproteinase (reprolysin type) with thrombospondin type 1 motif, 10; WMS; WMS1; ADAM-TS10;
Gene ID	81794
mRNA Refseq	NM_030957
Protein Refseq	NP_112219
MIM	608990
UniProt ID	Q9H324
Chromosome Location	19p13.3

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Function

metal ion binding; metalloendopeptidase activity; molecular_function; peptidase activity; zinc ion binding;

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