

Recombinant Human ADAM33 293 Cell Lysate

Cat. No. ADAM33-9033HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for ADAM metalloproteinase domain 33 (ADAM33), transcript variant 1 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

ADAM33 ADAM metallopeptidase domain 33 [Homo sapiens]

Official Symbol

ADAM33

Synonyms

ADAM33; ADAM metallopeptidase domain 33; a disintegrin and metalloproteinase domain 33 , C20orf153, chromosome 20 open reading frame 153; disintegrin and metalloproteinase domain-containing protein 33; dJ964F7.1; DKFZp434K0521; ADAM 33; a disintegrin and metalloprotease 33; a disintegrin and metalloproteinase domain 33; disintegrin and reprolysin metalloproteinase family protein; C20orf153; DJ964F7.1; FLJ35308; FLJ36751; MGC71889; MGC149823;

Gene ID

80332

mRNA Refseq

NM_025220

Protein Refseq

NP_079496

MIM

607114

UniProt ID

Q9BZ11

Chromosome Location

20p13

Function

metal ion binding; metalloendopeptidase activity; metalloendopeptidase activity;

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peptidase activity; zinc ion binding; zinc ion binding;

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