

Recombinant Human ADAM19 293 Cell Lysate

Cat. No. ADAM19-9038HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for ADAM metalloproteinase domain 19 (meltrin beta) (ADAM19) 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

ADAM19 ADAM metallopeptidase domain 19 [Homo sapiens]

Official Symbol

ADAM19

Synonyms

ADAM19; ADAM metallopeptidase domain 19; a disintegrin and metalloproteinase domain 19 (meltrin beta); disintegrin and metalloproteinase domain-containing protein 19; meltrin beta; MLTNB; ADAM 19; meltrin-beta; metalloprotease and disintegrin dendritic antigen marker; FKSG34; MADDAM;

Gene ID

8728

mRNA Refseq

NM_033274

Protein Refseq

NP_150377

MIM

603640

UniProt ID

Q9H013

Chromosome Location

5q33.3

Function

SH3 domain binding; metal ion binding; metalloendopeptidase activity; peptidase activity; zinc ion binding;

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