

Recombinant Human PRMT8 293 Cell Lysate

Cat. No. PRMT8-2837HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for protein arginine methyltransferase 8 (PRMT8) 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

PRMT8 protein arginine methyltransferase 8 [Homo sapiens]

Official Symbol

PRMT8

Synonyms

PRMT8; protein arginine methyltransferase 8; HMT1 hnRNP methyltransferase like 3 (S. cerevisiae) , HMT1 hnRNP methyltransferase like 4 (S. cerevisiae) , HRMT1L3, HRMT1L4; protein arginine N-methyltransferase 8; HMT1 hnRNP methyltransferase-like 3; protein arginine N-methyltransferase 4; heterogeneous nuclear ribonucleoprotein methyltransferase-like protein 4; HRMT1L3; HRMT1L4;

Gene ID

56341

mRNA Refseq

NM_001256536

Protein Refseq

NP_001243465

MIM

610086

UniProt ID

Q9NR22

**Chromosome
Location**

12p13.3

Function

S-adenosylmethionine-dependent methyltransferase activity; histone-arginine N-methyltransferase activity; identical protein binding; protein binding; protein

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heterodimerization activity; protein homodimerization activity; protein methyltransferase activity; protein-arginine omega-N asymmetric methyltransferase activity; protein-arginine omega-N monomethyltransferase activity; transferase activity;

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