

Recombinant Human PRMT8 293 Cell Lysate

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

SPECIFICATION

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.
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

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

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activity; protein-arginine omega-N monomethyltransferase activity; transferase activity;

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