

Recombinant Human PRMT2 293 Cell Lysate

Cat. No. PRMT2-2839HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for protein arginine methyltransferase 2 (PRMT2), transcript variant 2 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

PRMT2 protein arginine methyltransferase 2 [Homo sapiens]

Official Symbol

PRMT2

Synonyms

PRMT2; protein arginine methyltransferase 2; HMT1 (hnRNP methyltransferase, S. cerevisiae) like 1 , HMT1 hnRNP methyltransferase like 1 (S. cerevisiae) , HRMT1L1; protein arginine N-methyltransferase 2; MGC111373; PRMT2 beta; PRMT2 alpha; PRMT2 gamma; HMT1 hnRNP methyltransferase-like 1; histone-arginine N-methyltransferase PRMT2; HMT1 (hnRNP methyltransferase, S. cerevisiae)-like 1; HRMT1L1;

Gene ID

3275

mRNA Refseq

NM_001242864

Protein Refseq

NP_001229793

MIM

601961

UniProt ID

P55345

**Chromosome
Location**

21q22.3

Pathway

mRNA processing, organism-specific biosystem;

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Function

androgen receptor binding; estrogen receptor binding; estrogen receptor binding; histone methyltransferase activity; histone-arginine N-methyltransferase activity; methyltransferase activity; peroxisome proliferator activated receptor binding; progesterone receptor binding; protein binding; protein homodimerization activity; protein-arginine N-methyltransferase activity; retinoic acid receptor binding; signal transducer activity; thyroid hormone receptor binding; transcription coactivator activity; transferase activity;

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