Recombinant Human PRDM2 protein, GST-tagged

Cat. No. PRDM2-196H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRDM2(1-340 aa) fused with GST tag at N-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	1-340 a.a.
Description	PRDM2 is a histone methyltransferase that specifically methylates lysine-9 of histone H3. PRDM2 is a retinoblastoma protein-interacting zinc finger protein and a tumor suppressor. Loss of PRDM2 activity through loss of mRNA expression, frameshift, deletion, and missense mutation is commonly found in many types of human cancers.
Form	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Molecular Mass	80 kDa
Purity	>85%
Applications	Methyltransferase Assay
Stability	1 year at -70 centigrade from the date of shipment

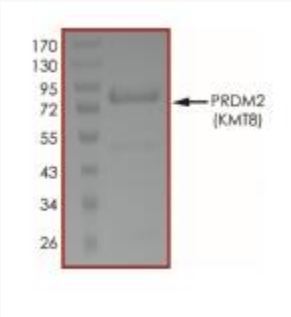
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Storage	Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.1μg/μl

GENE INFORMATION

Gene Name	PRDM2 PR domain containing 2, with ZNF domain [Homo sapiens]
Official Symbol	PRDM2
Gene ID	7799
mRNA Refseq	NM_012231
Protein Refseq	NP_036363
MIM	601196
UniProt ID	Q13029
Chromosome Location	1p36
Function	DNA binding; histone-lysine N-methyltransferase activity; metal ion binding; methyltransferase activity; sequence-specific DNA binding transcription factor activity; transferase activity; zinc ion binding; zinc ion binding;

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