

Recombinant Human PRDM2 Protein, MYC/DDK-tagged

Cat. No. PRDM2-2911H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRDM2 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This tumor suppressor gene is a member of a nuclear histone/protein methyltransferase superfamily. It encodes a zinc finger protein that can bind to retinoblastoma protein, estrogen receptor, and the TPA-responsive element (MTE) of the heme-oxygenase-1 gene. Although the functions of this protein have not been fully characterized, it may (1) play a role in transcriptional regulation during neuronal differentiation and pathogenesis of retinoblastoma, (2) act as a transcriptional activator of the heme-oxygenase-1 gene, and (3) be a specific effector of estrogen action. Multiple transcript variants encoding different isoforms have been found for this gene.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	25.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	PRDM2 PR domain containing 2, with ZNF domain [Homo sapiens]
Official Symbol	PRDM2
Synonyms	HUMHOXY1; KMT8; MTB-ZF; RIZ; RIZ1; RIZ2
Gene ID	7799
mRNA Refseq	NM_001007257
Protein Refseq	NP_001007258
MIM	601196
UniProt ID	Q13029

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