

Recombinant Human PRMT5&MEP50 protein, Flag/His-tagged

Cat. No. PRMT5&MEP50-315H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRMT5 2-637(C-term.) and MEP50 2-342 (C-term.) fused with N-terminal Flag (PRMT5), N-terminal His (MEP50) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	2-637;2-342 a.a.
Form	Solution of purified recombinant protein in 50 mM Tris/HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 3 mM TCEP, 20% (v/v) glycerol.
Molecular Mass	73.7/39.90 kDa
Storage	Store at -80 centigrade, aliquot and snap-freeze after first use.

GENE INFORMATION

Gene Name	PRMT5 protein arginine methyltransferase 5 [Homo sapiens]
Official Symbol	PRMT5
Synonyms	PRMT5; protein arginine methyltransferase 5; HRMT1L5, SKB1, skb1 (S. pombe) homolog , SKB1 homolog (S. pombe); protein arginine N-methyltransferase 5; SKB1Hs; SKB1 homolog; jak-binding protein 1; 72 kDa ICln-binding protein; HMT1

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	hnRNP methyltransferase-like 5; shk1 kinase-binding protein 1 homolog; histone-arginine N-methyltransferase PRMT5; JBP1; SKB1; IBP72; HRMT1L5;
Gene ID	10419
mRNA Refseq	NM_006109
Protein Refseq	NP_006100
MIM	604045
UniProt ID	O14744
Chromosome Location	14q11.2
Pathway	E2F transcription factor network, organism-specific biosystem; Gene expression, organism-specific biosystem; Metabolism of non-coding RNA, organism-specific biosystem; RNA transport, organism-specific biosystem; RNA transport, conserved biosystem; Signaling events mediated by HDAC Class I, organism-specific biosystem; p53 pathway, organism-specific biosystem;
Function	histone-arginine N-methyltransferase activity; methyltransferase activity; protein binding; protein-arginine omega-N symmetric methyltransferase activity; ribonucleoprotein complex binding; transferase activity;