

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

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

## SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	2-637;2-342 a.a.
<b>Form</b>	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.
<b>Molecular Mass</b>	73.7/39.90 kDa
<b>Storage</b>	Store at -80 centigrade, aliquot and snap-freeze after first use.

## GENE INFORMATION

<b>Gene Name</b>	PRMT5 protein arginine methyltransferase 5 [ Homo sapiens ]
<b>Official Symbol</b>	PRMT5
<b>Synonyms</b>	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

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	hnRNP methyltransferase-like 5; shk1 kinase-binding protein 1 homolog; histone-arginine N-methyltransferase PRMT5; JBP1; SKB1; IBP72; HRMT1L5;
<b>Gene ID</b>	10419
<b>mRNA Refseq</b>	NM_006109
<b>Protein Refseq</b>	NP_006100
<b>MIM</b>	604045
<b>UniProt ID</b>	O14744
<b>Chromosome Location</b>	14q11.2
<b>Pathway</b>	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;
<b>Function</b>	histone-arginine N-methyltransferase activity; methyltransferase activity; protein binding; protein-arginine omega-N symmetric methyltransferase activity; ribonucleoprotein complex binding; transferase activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA