

Recombinant Human PRMT5/MEP50 complex Protein, Flag/His-tagged

Cat. No. PRMT5-178H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human recombinant PRMT5 in complex with human recombinant MEP50, produced by co-expression in an insect cell/baculovirus expression system with N-terminal Flag (PRMT5), N-terminal His (MEP50).
Species	Human
Source	Insect Cells
ProteinLength	PRMT5 2-637(C-term.), MEP50 2-342 (C-term.)
Form	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
Purity	>95% by SDS-PAGE
Storage	Store at -80centigrade. Thaw quickly and store on ice before use. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name	PRMT5 protein arginine methyltransferase 5 [Homo sapiens]
Official Symbol	PRMT5

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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 hnRNP methyltransferase
Gene ID	10419
mRNA Refseq	NM_001039619
Protein Refseq	NP_001034708
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; Signali
Function	histone-arginine N-methyltransferase activity; methyltransferase activity; protein binding; protein-arginine omega-N symmetric methyltransferase activity; ribonucleoprotein complex binding; transferase activity;