

Recombinant Human PRMT5 Protein, MYC/DDK-tagged

Cat. No. PRMT5-3004H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human PRMT5 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.

Species Human

Source HEK293

Description This gene encodes an enzyme that belongs to the methyltransferase family. The encoded protein catalyzes the transfer of methyl groups to the amino acid arginine, in target proteins that include histones, transcriptional elongation factors and the tumor suppressor p53. This gene plays a role in several cellular processes, including transcriptional regulation, and the assembly of small nuclear ribonucleoproteins. A pseudogene of this gene has been defined on chromosome 4. Alternative splicing results in multiple transcript variants encoding different isoforms.

Form 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

Molecular Mass 72.5 kDa

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	PRMT5 protein arginine methyltransferase 5 [Homo sapiens]
Official Symbol	PRMT5
Synonyms	HRMT1L5; IBP72; JBP1; SKB1; SKB1Hs
Gene ID	10419
mRNA Refseq	NM_001039619
Protein Refseq	NP_001034708
MIM	604045
UniProt ID	O14744

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