

Recombinant Human PRMT1 protein, T7/His-tagged

Cat. No. PRMT1-123H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human PRMT1 cDNA (371 aa) fused with T7-His-TEV cleavage site Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Form	0.5 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
AA Sequence	MASMTGGQQMGRGRHHHHHGNLYFQGGFEAAAEANCIMENFVATLANGMSLQP PLEEVSCGQAESSEKPN AEDM TSKDYFDSYAHFGIHEEMLKDEVRTLTYRNSMF HNRHLFKDKVVLVDVSGTGILCMFAAKAGARKVIGIECSSI SDYAVKIVKANKLDHVV TIIKGKVEEVELPVEKVDIIISEWMGYCLFYESMLNTVLYARDKWLAPDGLIFPDRAT L YVTAIEDRQYKDYKIHWWENVYGFDMSCIKDVAIKEPLVDVDPKQLVTNACLIIKVEVD IYTVKVEDLTFTSPFC LQVKRNDYVHALVAYFNIEFTRCHKRTGFSTSPESPYTHWK QTVFYMEDYLTVKTGEEIFGTIGMRPNAKNNRDL DFTIDLDFKGQLCELSCSTDYRM R
Purity	>90% by SDS-PAGE
Storage	Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at least 30 days.

GENE INFORMATION

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Gene Name	PRMT1 protein arginine methyltransferase 1 [Homo sapiens]
Official Symbol	PRMT1
Synonyms	PRMT1; protein arginine methyltransferase 1; HMT1 (hnRNP methyltransferase, S. cerevisiae) like 2 , HMT1 hnRNP methyltransferase like 2 (S. cerevisiae) , HRMT1L2; protein arginine N-methyltransferase 1; ANM1; HCP1; interferon receptor 1-bound protein 4; histone-arginine N-methyltransferase PRMT1; HMT1 (hnRNP methyltransferase, S. cerevisiae)-like 2; heterogeneous nuclear ribonucleoprotein methyltransferase 1-like 2; IR1B4; HRMT1L2;
Gene ID	3276
mRNA Refseq	NM_001207042
Protein Refseq	NP_001193971
MIM	602950
UniProt ID	Q99873
Chromosome Location	19q13
Pathway	Androgen Receptor Signaling Pathway, organism-specific biosystem; Direct p53 effectors, organism-specific biosystem; Energy Metabolism, organism-specific biosystem; Tryptophan metabolism, organism-specific biosystem; mRNA processing, organism-specific biosystem;
Function	N-methyltransferase activity; N-methyltransferase activity; histone methyltransferase activity; histone methyltransferase activity (H4-R3 specific); methyltransferase activity;

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protein binding; transferase activity;

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