

Active Recombinant Human PRMT1 protein, GST-tagged

Cat. No. PRMT1-31112TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRMT1(2-end) fused with GST tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Form	40 mM Tris pH 8.0, 110 mM NaCl, 2.2 mM KCl, 0.04% Tween, 20% glycerol, 3mM DTT
Bio-activity	0.52 pmol/min/g
Molecular Mass	68 kDa
Purity	> 49%
Applications	Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.
Storage	>6 months at -80 centigrade. Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name	PRMT1 protein arginine methyltransferase 1 [Homo sapiens]
Official Symbol	PRMT1

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Synonyms	PRMT1; protein arginine methyltransferase 1; HMT1 (hnRNP methyltransferase, <i>S. cerevisiae</i>) like 2 , HMT1 hnRNP methyltransferase like 2 (<i>S. cerevisiae</i>) , HRMT1L2; protein arginine N-methyltransferase 1; ANM1; HCP1; interferon receptor 1-bound protein 4; histone-arginine N-methyltransferase PRMT1; HMT1 (hnRNP methyltransferase, <i>S. cerevisiae</i>)-like 2; heterogeneous nuclear ribonucleoprotein methyltransferase 1-like 2; IR1B4; HRMT1L2;
Gene ID	3276
mRNA Refseq	NM_001536
Protein Refseq	NP_001527
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; protein binding; transferase activity;