

# Recombinant Full Length Human PRMT1 Protein

**Cat. No.** PRMT1-3680HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human HRMT1L2 (NP_938074, 1 a.a. - 353 a.a.) full-length recombinant protein with His-MBP tag expressed in Escherichia coli.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	353 amino acids
<b>Description</b>	The PRMT1 gene encodes a protein arginine methyltransferase that functions as a histone methyltransferase specific for H4 (see MIM 602822).[supplied by OMIM
<b>Form</b>	Liquid
<b>Molecular Mass</b>	84 kDa
<b>AA Sequence</b>	MHHHHHMKIEEGKLVWINGDKGYNGLAEVGGKFEKDTGIKVTVEHPDKLEEKFPQ VAATGDGPDIIFWAHDRFGGYAQSGLLAEITPKAFQDKLYPFTWDAVRYNGKLIAY PIAVEALSLIYNKDLLPNPPKTWEEIPALDKELKAKGKSALMFNLQEPYFTWPLIAADG GYAFKYENGGKYDIKDVGVNDAGAKAGLTFVLDLIKNKHMNADTDYSIAEAAFNKGET AMTINGPWAWSNIDTSKVNYGVTVLPTFKGQPSKPFVGVLSAGINAASPKNELAKEF LENYLLTDEGLEAVNKDKPLGAVALKSYEEELAKDPRIATMENAQKGEIMPNIQPM SAFWYAVRTAVINAASGRQTVDEALKDAQTNSSSNNNNNNNNNNLGIEGRGSHMA AAEAANCIMEVSCGQAESSEKPNEDMTSKDYFDSYAHFGIHEEMLKDEVRTLTY RNSMFHNRHLFKDKVVLVDVSGTGILCMFAAKAGARKVIGIECSSISDYAVKIVKANK

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LDHVVTIIKKGKVEEVELPVEKVDIIISEWMGYCLFYESMLNTVLYARDKWLAPDGLIFP  
 DRATLYVTAIEDRQYKDYKIHWWENVYGFDMSCIKDVAIKEPLVDVDPKQLVTNAC  
 LIKEVDIYTVKVEDLTFTSPFCLQVKRNDYVHALVAYFNIEFTRCHKRTGFSTSPESPY  
 THWKQTVFYMEDYLTVKTGEEIFGTIGMRPNAKNNRDLDFIDLDFKQQLCELS CST  
 DYRMR

**Applications** Functional Study  
 SDS-PAGE

**Storage** Store at 4 centigrade for 1-2 weeks. For long term storage store at -2 centigrade or -8 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer** In 40 mM Tris, 100 mM NaCl, 4 mM MgCl<sub>2</sub>, pH 8.0 (2 mM dithiothreitol, 40% glycerol)

## GENE INFORMATION

**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

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**Protein Refseq** NP\_001193971

**MIM** 602950

**UniProt ID** Q99873

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