

Recombinant Full Length Human PRMT1 Protein

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

SPECIFICATION

Product Overview	Human HRMT1L2 (NP_938074, 1 a.a. - 353 a.a.) full-length recombinant protein with His-MBP tag expressed in Escherichia coli.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	353 amino acids
Description	The PRMT1 gene encodes a protein arginine methyltransferase that functions as a histone methyltransferase specific for H4 (see MIM 602822).[supplied by OMIM
Form	Liquid
Molecular Mass	84 kDa
AA Sequence	MHHHHHHMKIEEGKLVIWINGDKGYNGLAEVGGKFEKDTGIKVTVEHPDKLEEKFPQ VAATGDGPDIIFFWAHDRFGGYAQSGLLAEITPDKAFQDKLYPFTWDAVRYNGKLIAY PIAVEALSLIYNKDLLPNPPKTWEEIPALDKELKAKGKSALMFNLQEPYFTWPLIAADG GYAFKYENGKYDIKDVGVNDAGAKAGLTFLVDLIKNNKHMNADTDYSIAEAAFNKGET AMTINGPWAWSNIDTSKVNYGVTVLPTFKGQPSKPFVGVLSAGINAASPNKELAKEF LENYLLTDEGLEAVNKDKPLGAVALKSYYYEELAKDPRIAATMENAQKGEIMPNIQPM SAFWYAVRTAVINAASGRQTVDEALKDAQTNSSSSNNNNNNNNNNNLGIEGRGSHMA AAEAANCIMEVSCGQAESSEKPN AEDMTSKDYFDSYAHFGIHEEMLKDEVRTLTY RNSMFHNRHLFKDKVVLVDVSGTGILCMFAAKAGARKVIGIECSSISDYAVKIVKANK

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LDHVVTIIKKGKVEEVELPVEKVDIISEWMGYCLFYESMLNTVLVYARDKWLPDGLIFP
 DRATLYVTAIEDRQYKDYKIHWWENVYGFDMSCIKDVAIKEPLVDVDPKQLVTNAC
 LIKEVDIYTVKVEDLTFTSPFCLQVKRNDYVHALVAYFNIEFTRCHKRTGFSTSPESPY
 THWKQTVFYMEDYLTVKTGEEIFGTIGMRPNNAKNNRDLDFTIDLDFKGGQLCELSCT
 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 MgCl₂, 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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