

Protein Arginine Methyltransferase 1 Human Recombinant

Item Number	rAP-1958
Synonyms	ANM1, HCP1, HRMT1L2, IR1B4, Interferon receptor 1-bound protein 4, EC 2.1.1, Protein arginine N-methyltransferase 1, PRMT1, HMT2.
Description	PRMT1 Human Recombinant (a.a. 1-353) fused with His-MBP tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 750 amino acids and having a molecular mass of 84 kDa. The PRMT1 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q99873
Amino Acid Sequence	MHHHHHMKI EEGKLVIIWIN GDKGYNGLAE VGKKFEKDTG IKVTVEHPDK LEEKFPQVAA TGDGPDI- IFW AHRDFGGY AQ SGLLAEITPD KAFQDKLYPF TWDAVRYNGK LIAYPIAVEA LSLIYNKDLL PNPPKTWEEI PALDKELKAK GKSALMFNLQ EPYFTWPLIA ADGGYAFKYE NGKYDIKDVG VDNAGAKAGL TFLVDLIK NK HMNADTDYSI AEAAFNKGET AMTINGPWAW SNIIDTSKVNY GVTVLPTFKG QPSKPFVGV L SAGINAASPN KELAKEFLEN YLLTDEGLEA VNKDKPLGAV ALK- SYEEELA KDPRIAATME NAQKGEIMP N IPQMSAFWYA VRTAVINAAS GRQTVDEALK DAQTNSSSNN NNNNNNNLG IEGRGSHMAA AEAANCIMEV SCGQAESSEKPN AEDMTSKD YYFDSYAHFG IHEEM- LKDEV RTLTyrNSMF HNRHLFKDKV VLDVGS GTGI LCMFAAKAGA RKVIGIECSS ISDYAVKIVK AN-
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The PRMT1 solution contains 40mM Tris-HCl pH 8.0, 100mM NaCl, 4mM MgCl ₂ , 2mM DTT & 40% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**