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PRMT1 isoform3, 1-353 aa, Human, His-MBP tagged, Recombinant, E.coli

产品货号: TP03529

第三版

别名:HMT1 hnRNP methyltransferase-like 2 isoform 3, ANM1, HCP1, HRMT1L2, IR1B4.

描述:Protein arginine N-methyltransferase 1(PRMT1) is a type I methyltransferase that transfers a methyl group from S-adenosylmethionine to guanidino nitrogens of arginine residues to form monomethylarginine and asymmetric dimethylarginine. Functions of type I arginine methylation in proteins may include regulation of transcription, modulation of the affinity of nucleic acid-binding proteins, regulation of interferon signaling pathways, and targeting of nuclear proteins.

配方:Liquid. In 40 mM Tris-HCl buffer (pH 8.0) containing 2 mM DTT 100 mM NaCl, 4 mM MgCl<sub>2</sub>, 40% glycerol

分子量:84 kDa (750 aa)

序列:

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MHHHHHMKIEEGKLVWINGDKGYNGLAEVGKKFEKDTGIKVTVVEHPDKLEEKFPQVAATGDGPDIIFWAHDHDFGG  
YAQSGLLAEITPDKAFQDKLYPFTWDAVRYNGKLIAYPIAVEALSIIYNDLLPNPPKTWEEIPALDKELKAKGKSALMFNL  
QEPYFTWPLIAADGGYAFKYENGYDIKDVGVNDAGAKAGLTFLVDLIKHKHMNADTDYSIAEAAFNKGETAMTINGP  
WAWSNIDTSKVNYGVTVLPTFKGQPSKPFVGVLSAGINAASPNKELAKEFLENYLLTDEGLEAVNKDKPLGAVALKSYEEE  
LAKDPRIAATMENAQKGEIMPNIQMSAFWYAVRTAVINAASGRQTVDEALKDAQTNSNNNNNNNNNNNNNLGIEGRGS  
HMAAAEAANCIMEVSCGQAESSEKPNADMTSKDYFDSYAHFGIHEEMLKDEVRTLTYRNSMFHNRHLFKDKVVLVDV  
GSGTGILCMFAAKAGARKVIGIECSSISDYAVKIVKANKLDHVVTIIGKVEEVELPVEKVDIISEWMGYCLFYESMLNTVL  
YARDKWLAPDGLIFPD RATLYVTAIEDRQYKDYKIHWVENVYGFDMSCIKDVAIKEPLVDVDPKQLVTNACLIIKVDI  
YTVKVEDLTFTSPFCLQVKRNDYVHALVAYFNIEFTRCHKRTGFSTSPESPYTHWKQTVFYMEDYLTVKTGEEIFGTIGMR  
PNAKNNRDLDFIDLDFKGQLCELSCSTDYRMR
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纯度:> 95% by HPLC

浓度:1 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.