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PRMT3, 1-531aa, Human, His tag, E.coli

产品货号: TP03530

第三版

别名:Protein arginine N-methyltransferase 3 isoform 1, HRMT1L3

描述:PRMT3, as known as protein arginine N-methyltransferase 3, belongs to the protein arginine methyltransferase family. This enzyme catalyzes the methylation of guanidino nitrogens of arginyl residues of proteins. It acts on 40S ribosomal protein S2 (rpS2), which is its major in-vivo substrate, and is involved in the proper maturation of the 80S ribosome. Recombinant human PRMT3, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In Phosphate buffer saline (pH 7.4) containing 20% glycerol, 1mM DTT.

分子量:62.3kDa (554aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSMCSLASGATGGRGAVENEEDLPELSDSGDEAAWEDEDDADLPHGKQQTPCLFCN
RLFTSAEETFSHCKSEHQFNIDSMVHKHGLEFYGYIKLINFIRLKNPTVEYMNSIYNPVPWEKEEYLKPVLEDDLLLQFDVE
DLYEPVSVPFSSYPNGLSENTSVVEKLVKHEARALSAEAALARAREDLQKMKQFAQDFVMHTDVRTCSSTSVIADLQEDE
DGVYFSSYGHYGHEEMLKDKIRTESYRDFIYQNPFIKDKVVLVDVGCCTGILSMFAAKAGAKKVLGVDQSEILYQAMDII
RLNKLEDTITLIKGKIEEVHLPVEKVDVIISEWMGYFLLFESMLDSVLYAKNKYLAKGGSVYPDICTISLVAVSDVNKHADRI
AFWDDVYGFKMCMKKAUIPEAVVEVLDPKTLISEPCGIKHIDCHTTSSISDLFSSDFTLKITRTSMCTAIAGYFDIYFEKNC
HNRVVFSTGPQSTKTHWKQTVFLLKPFVSKAGEALKGKVTVHKNKKDPRSLTVTLTLNNSTQTYGLQ

纯度:> 95% by HPLC

浓度:0.5mg/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.