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32-6899: PRMT3 Human

Alternative Name :	Protein Arginine Methyltransferase 3, Heterogeneous Nuclear Ribonucleoprotein, Methyltransferase-Like Protein 3, HRMT1L3, HMT1 HnRNP Methyltransferase-Like 3 (S. Cerevisiae), Protein Arginine N-Methyltransferase 3, HMT1 HnRNP Methyltransferase-Like 3, EC 2.1.1.- ,EC 2.1.1, PRMT3.

Description

Source: Escherichia Coli.
Sterile Filtered colorless solution.
PRMT3, also known as protein arginine N-methyltransferase 3, is a member of the protein arginine methyltransferase family. PRMT3 catalyzes the methylation of guanidino nitrogens of arginyl residues of proteins.Â PRMT3 operates on 40S ribosomal protein S2 ,rpS2, which is the major in-vivo substrate, additionally PRMT3 Â is also involved in the proper maturation of the 80S ribosome.
PRMT3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 554 amino acids (1-531 a.a) and having a molecular mass of 62.3kDa.PRMT3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount :	5 µg / 20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	PRMT3 protein solution (0.5mg/ml) containing Phosphate buffered saline (pH7.4) and 20% glycerol, 1mM DTT.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMCSLASG ATGGRGAVEN EEDLPELSDS GDEAAWEDED DADLPHGKQQ TPCLFCNRLF TSAEETFSHC KSEHQFNIDS MVHKHGLEFY GYIKLINFIR LKNPTVEYMN SIYNPVPWEK EEYLKPVLED DLLLQFDVED LYEPVSVPFS YPNGLSENTS VVEKLKHMEA RALSAEAALA RAREDLQKMK QFAQDFVMHT DVRTCSSSTS VIADLQEDED GVYFSSYGHY GIHEEMLKDK IRTESYRDFI YQNPHIFKDK VVLDVGCGTG ILSMFAAKAG AKKVLGVDQS EILYQAMDII RLNKLEDTIT LIKGKIEEVH LPVEKVDVII SEWMGYFLLF ESMLDSVLYA KNKYLAKGGS VYPDICTISL VAVSDVNKHA DRIAFWDDVY GFKMSCMKKA VIPEAVVEVL DPKTLISEPC GIKHIDCHTT SISDLEFSSD FTLKITRTSM CTAIAGYFDI YFEKNCHNRV VFSTGPQSTK THWKQTVFLL EKPFSVKAGE ALKGKVTVHK NKKDPRSLTV TLTLNNSTQT YGLQ