

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

RNMT, 1-476aa, Human, His tag, E.coli

产品货号: TP03759

第三版

别名:mRNA cap guanine-N7 methyltransferase, hCMT1c, MET, RG7MT1

描述:RNMT (mRNA cap guanine-N7 methyltransferase), also known as MET, RG7MT1 or hCMT1c, is a widely expressed nuclear protein that belongs to the mRNA cap methyltransferase family. Cap-dependent mRNA translation requires the methylation of the mRNA guanosine cap by RNMT. RNMT catalyzes the transfer of a methyl group from AdoMet (S-adenosylmethionine) to the GpppN end of the growing mRNA at the N-7 position, thereby producing AdoHyc (S-adenosylhomocysteine) and m7GpppN terminated RNA.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 20% glycerol, 100mM NaCl

分子量:57.0kDa (496aa)

序列:

MGSSHHHHHSSGLVPRGSHMANSAKAEYEKMSLEQAKASVNSETESSFNINENTTASGTGLSEKTSVCRQVDIARKRK  
EFEDDLVKESSCGKDTPSKRRKLDPEIVPEEKDCGDAEGNSKKRKRKRETEDVPKDKSSTGDGTQNKRKIALEDVPEKQKNL  
EEGHSSTVAAHYNELQEVGLEKRSQSRIFYLRFNFWMKSVLIGEFLEKVRQKKRDRITVLDLGCGKGGDLLKWKGRIN  
KLVCTDIADVSVKQCQQRVEDMKNRRDSEYIFSAEFITADSSKELLIDKFRDPQMCFDICSCQFVCHYSFESYEQADMMLR  
NACERLSPGGYFIGTTPNSFELIRRLEASETESFGNEIYTVKFQKKGDYPLFGCKYDFNLEGVVDVPEFLVYFLLNEMAKKY  
NMKLVYKKTFLFYEEKIKNNENKMLLKRMQALEPYPANESSKLVSEKVVDDYEHAAYMKNSQVRLPLGLTSLKSEWEATSI  
YLVFAFEKQQ

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.