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METTL1, 1-276aa, Human, His tag, E.coli

产品货号: TP02956

第三版

别名: Methyltransferase like 1, TRM8, YDL201w

描述: METTL1 is known as tRNA (guanine-N(7)-)-methyltransferase which belongs to the methyltransferase superfamily. METTL1 shows high sequence similarity to yeast ORF YDL201w and has been shown to be inactivated by phosphorylation. This protein contains a conserved S-adenosylmethionine-binding motif and is inactivated by phosphorylation. It catalyzes the formation of N(7)-methylguanine at position 46 (m7G46) in tRNA.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 1mM DTT, 50mM NaCl

分子量: 33.6kDa (296aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMAAETRN VAGAEAPPPQKRYRQRAHSNPMADHTLRYPVKPEEMDWSELYPEFFAPLT
QNQSHDDPKDKKEKRAQAQVEFADIGCGYGGLLVLSPLFPDTLILGLEIRVKVSDYVQDRIRALRAAPAGGFQNIACLR
NAMKHLPNFFYKGLTKMFFLFPDPHFKRTKHKWRIISPTLLAEYAYVLRVGGGLVYTITDVLELHDWMCTHFEEHPLFER
VPLEDLSEDPVVGHLGTSTEEGKKVLRNGGKNFPAIFRRIQDPVLQAVTSQTSPLPGH

纯度: > 95% by HPLC

浓度: 0.5 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.