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MTHFS, 1-203aa, Human, His tag, E.coli

产品货号: TP03043

第三版

别名:5-formyltetrahydrofolate cyclo-ligase, Methenyl-THF synthetase

描述:MTHFS, also known as 5-formyltetrahydrofolate cyclo-ligase, is a cytosolic protein involved in the formate metabolic process. MTHFS, with a magnesium cofactor, catalyzes the ATP-dependent reaction that reduces 5-formyltetrahydrofolate (5-MTHF) to 5,10-methenyltetrahydrofolate(MTHF). MTHF is the substrate used by MTHFR (methylenetetrahydrofolate reductase) to generate 5-MTHF.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 5mM DTT, 30% glycerol, 0.2M NaCl

分子量:25.4kDa (223aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMAAAA VSSAKRSLRGELKQRLRAMSAEERLRQSRVLSQKVIAHSEYQKSKRISIFLSMQDE  
IETEEIHKDIFQRGKICFIPRYRFQSNHMDMVRIESPEEISLLPKTSWNIPQPGEGDVREEALSTGGLDLIFMPGLGFDKHG NR  
LGRGKGYDAYLKRCLQHQEVKPYTLALAFKEQICLQVPVNENDMKVDEVLYEDSSTA

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.