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DHFR, 1-187aa, Mouse, His tag, E.coli

产品货号: TP01871

第三版

别名: Dihydrofolate reductase

描述: Dihydrofolate reductase (DHFR) is a member of the reductase family of enzymes that is ubiquitously expressed in all organisms. DHFR catalyzes the NADPH-dependent reduction of dihydrofolate to tetrahydrofolate, and it is essential for the synthesis of thymidylate, purines and several amino acids.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 2mM DTT, 0.1M NaCl.

分子量: 23.8 kDa (207aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMVRPLNCIVAVSQNMGIGKNGDLPWPPLRNEFKYFQRMTTSSVEGKQNLVIMGRKT
WFSIPEKNRPLKDRINIVLSRELKEPPRGAHFLAKSLDDALRLIEQPELASKVDMVWIVGGSSVYQEAMNQPGLRLRFVTRI
MQEFESDTFFPEIDLGKYKLLPEYPGVLSEVQEEKGIKYKFEVYEKDD

纯度: > 95% by HPLC

浓度: 1 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.