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DHFR, 1-187 aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP01870

第三版

别名: Dihydrofolate reductase

描述: DHFR, also known as Dihydrofolate reductase, is an enzyme that reduces dihydrofolic acid to tetrahydrofolic acid, using NADPH as electron donor, which can be converted to the kinds of tetrahydrofolate cofactors used in 1-carbon transfer chemistry. Dihydrofolate reductase deficiency has been linked to megaloblastic anemia. Recombinant Dihydrofolate reductase protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques

配方: Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 2mM DTT, and 30% glycerol

分子量: 23.6 kDa (207aa)

序列:

MGSSHHHHHHSSGLVPRGSHMVGSLNCIVAVSQNMGIGKNGDLPWPPLRNEFRYFQRMTTSSVEGKQNLVIMGKKT
WFSIPEKNRPLKGRINLVLSRELKEPPQGAHFLSRSLDDALKLTEQPELANKVDMVWIVGGSSVYKEAMNHPGHLKLFVTR
IMQDFESDTFFPEIDLEKYKLLPEYPGVLSVQEEKGIKYKFEVYEKND

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.