

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

DHODH, 31-395aa, Human, His tag, E.coli

产品货号: TP01874

第三版

别名: Dihydroorotate dehydrogenase (quinone), mitochondrial, DHODEHase, POADS, URA1

描述: DHODH, also known as dihydroorotate dehydrogenase (quinone), mitochondrial, belongs to the dihydroorotate dehydrogenase family. DHODH catalyzes the fourth enzymatic step, the ubiquinone-mediated oxidation of dihydroorotate to orotate, in de novo pyrimidine biosynthesis.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

分子量: 42.3 kDa (390aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMTGDERFYAEHLMPTLQGLLDPEAHRLAVRFTSLGLLPRARFQDSDMLEVRVL  
GHKFRNPVGVIAAGFDKHGEAVDGLYKMGFGFVEIGSVTPKPKQEGNPRPRVFRLPEDQAVINRYGFNSHGLSVVEHLRA  
RQQKQAKLTEDGLPLGVNLGKNKTSVDAAEYAEGVRVLGPLADYLVVNVSSPNTAGLRSLQGKAELRLLTKVLQERD  
GLRRVHRPAVLVVKIAPDLTSQDKEDIASVVKELGIDGLIVTNTTVSRPAGLQGALRSETGGLSGKPLRDLSTQTIREMYALT  
QGRVPIIGVGGVSSGQDALEKIRAGASLVQLYTALTFWGPVVGKVKRELEALLKEQGGVTDAGADHRR

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.