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ATP5C1, 26-298aa, Human, His tag, E.coli

产品货号: TP01273

第三版

别名:ATP synthase subunit gamma, mitochondrial isoform L (liver), ESE3, ESE3B, ESEJ

描述:ATP synthase subunit gamma, mitochondrial isoform L (liver), also known as ATP5C1, catalyzes ATP synthesis, utilizing an electrochemical gradient of protons across the inner membrane during oxidative phosphorylation. The catalytic portion of mitochondrial ATP synthase consists of 5 different subunits (alpha, beta, gamma, delta, and epsilon) assembled with a stoichiometry of 3 alpha, 3 beta, and a single representative of the other 3. Recombinant human ATP5C1 protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

分子量:32.6kDa (296aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSATLKDITRRLKSIKNIQKITKSMKMVAAAKYARAERELKPARIYGLGSLALYEKADIK
GPEDKKKHLIGVSSDRGLCGAIHSSIAKQMKSEVATLTAAGKEVMLVGIGDKIRGILYRTHSDQFLVAFKEVGRKPPTFG
DASVIALELLNSGYEFDEGSIIFNKFRSVISYKTEEKPIFSLNTVASADSMSIYDDIDADVLQNYQEYNLANIIYYSLKESTTSEQ
SARMTAMDNASKNASEMIDKLTFTFNRTQAVITKELIEIISGAAALD

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.