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ATP5O, 24-213aa, Human, His tag, E.coli

产品货号: TP01277

第三版

别名: ATP synthase subunit O, ATPO, OSCP.

描述: ATP synthase subunit O, also known as ATP5O, localizes to the mitochondria and catalyzes ATP synthesis. The protein is a component of the F-type ATPase found in the mitochondrial matrix. F-type ATPases are composed of a catalytic core and a membrane proton channel.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 40% glycerol, 0.2M NaCl

分子量: 23.1 kDa (211aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMFAKLVRPPVQVYGIEGRYATALYSAASKQNKLEQVEKELLRVAQILKEPKVAASVLNPNY
VKRSIKVKSLNDITAKERFSPLTTNLLINLLAENGRSNTQGVVSAFSTMMMSVHRGEVPCTVTSASPLEEATLSELKTVLKSFLS
QGQVLKLEAKTDPSILGGMIVRIGEKYVDMSVKTKIQKLGRAMREIV

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.