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NDUFA5, 1-116aa, Human, His tag, E.coli

产品货号: TP03124

第三版

别名:NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5, B13, CI-13kB, CI-13KD-B, NUFM, UQOR13.

描述:NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5, also known as NDUFA5, belongs to the complex I NDUFA5 subunit family. The human NDUFA5 gene codes for the B13 subunit of complex I of the respiratory chain, which transfers electrons from NADH to ubiquinone. The high degree of conservation of NDUFA5 extending to plants and fungi indicates its functional significance in the enzyme complex. The protein localizes to the inner mitochondrial membrane as part of the 7 component-containing, water soluble 'iron-sulfur protein' (IP) fraction of complex I, although its specific role is unknown.

配方:15M NaCl, 10% glycerol, 1mM DTT

分子量:15.8 kDa (139aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMAGVLKKTGLVGLAVCNTPHERLRILYTKILDVLEEIPKNAAYRKYTEQITNEKLA
MVKAEPDVKKLEDQLQGGQLEEVILQAEHELNLARKMREWKLWEPLVEEPPADQWKWPI

纯度:> 95% by HPLC

浓度:1 mg/ml

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.