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NDUFS6, 28-124aa, Human, His tag, E.coli

产品货号: TP03133

第三版

别名:NADH dehydrogenase [ubiquinone] iron-sulfur protein 6, CI-13Ka, CI-13kD-A, CI13KDA

描述:NDUFS6 is a subunit of the NADH:ubiquinone oxidoreductase (complex I), which is the first enzyme complex in the electron transport chain of mitochondria. This complex functions in the transfer of electrons from NADH to the respiratory chain. The subunit is one of seven subunits in the iron-sulfur protein fraction. Mutations cause mitochondrial complex I deficiency, a disease that causes a wide variety of clinical disorders, including neonatal disease and adult-onset neurodegenerative disorders. Recombinant human NDUFS6 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1mM DTT

分子量:13.2kDa (120aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSGVVRVSPTEKVTHTGQVYDDKDYRRIRFVGRQKEV NENFAIDLIAEQPVSEVETR
VIACDGGGGALGHPKVYINLDKETKTGTTCGYCGLQFRQHHH

纯度:> 95% by HPLC

浓度:0.25 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.