

NDUFA4, 1-81aa, Human, His tag, E.coli

Cat.NO.: TP03123

3th Edition

Synonyms:NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 4, CI-9k, CI-MLRQ, MLRQ

Description:NDUFA4 belongs to the complex I 9kDa subunit family. Mammalian complex I of mitochondrial respiratory chain is composed of 45 different subunits. This protein has NADH dehydrogenase activity and oxidoreductase activity. It transfers electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. Recombinant human NDUFA4 protein, fused to His-tag at N-terminus, was expressed in E.coli.

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

Molecular Weight:11.8 kDa (104aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMRLRQIGQAQKHPSLIPLFVFIGTGATGATLYLLRLALFNPDVCWDRNNPEPW
NKLGPNDQYKFYSVNVVDYSKLLKKEPDF

Purity:> 95% by HPLC

Concentration:1.0 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.