

NDUFB4, 1-87aa, Human, His tag, E.coli

Cat.NO.: TP03127

3th Edition

Synonyms:NADH dehydrogenase 1 beta subcomplex subunit 4 , B15, CI-B15

Description:NDUFB4 is a non-catalytic subunit of the multisubunit NADH:ubiquinone oxidoreductase, the first enzyme complex in the mitochondrial electron transport chain (complex I). Mammalian complex I is composed of 45 different subunits and transfers electrons from NADH to ubiquinone. Recombinant human NDUFB4 protein, fused to His-tag at N-terminus, was expressed in E.coli.

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

Molecular Weight:12.6 kDa (110aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMSPFKYKPSSLRRLPETLDPAEYNISPETRRQAERLAIRAQLKREYLLQYN
DPNRRGLIENPALLRWAYARTINVYPNFRPTPKNS

Purity:> 95% by HPLC

Concentration:1 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.