

NDUFS3, 37-264aa, Human, His tag, E.coli

Cat.NO.: TP03130

3th Edition

Synonyms:NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, CI-30

Description:NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, also known as NDUFS3, belongs to the complex I 30 kDa subunit family. The multisubunit NADH:ubiquinone oxidoreductase (complex I) is the first enzyme complex in the electron transport chain of mitochondria. The iron-sulfur protein (IP) fraction of complex I is made up of 7 subunits.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

Molecular Weight:28.7 kDa (249aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMESAGADTRPTVRPRNDVAHKQLSAFGEYVAEILPKYVQQVQVSCFNELEVCIHP
DGVIPVLTFLRDHTNAQFKSLVDLTAVDVPTRQNRFEIVYNLLSLRFNSRIRVKTYTDELTPIESAVSVFKAANWYER
EIWDMFGVFFANHPDLRRILTGYGFEHGHPFRKDFPLSGYVELRYDDEVKRVVAEPVELAQEFKFDLNSPWEAFPV
YRQPPELKLKLEAGDKKPKDAK

Purity:> 95% by HPLC

Concentration:0.25 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.