

NDUFS5, 1-106aa, Human, His tag, E.coli

Cat.NO.: TP03132

3th Edition

Synonyms:NADH dehydrogenase [ubiquinone] iron-sulfur protein 5 , CI-15k, CI15K

Description:NDUFS5 is a member of the NADH dehydrogenase (ubiquinone) iron-sulfur protein family. This protein is a subunit of the NADH:ubiquinone oxidoreductase (complex I), the first enzyme complex in the electron transport chain located in the inner mitochondrial membrane. Recombinant human NDUFS5 protein, fused to His-tag at N-terminus, was expressed in E.coli.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea

Molecular Weight:14.9 kDa(129aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMPLDIQKRFGLNIDRWLTIQSSEQPYKMAGRCHAFEKEWIECAHGIGYTRA
EKECKIEYDDFVECLLRQKTMRRAGTIRKQRDKLIKEGKYTPPPHHIGKGEPRP

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.