

Product datasheet for AR50853PU-N

OriGene Technologies, Inc.

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Complex I subunit NDUFB4 (1-87, His-tag) Human Protein

Product data:

Product Type: Recombinant Proteins

Description: Complex I subunit NDUFB4 (1-87, His-tag) human recombinant protein, 0.5 mg

Species: Human
Expression Host: E. coli

Expression cDNA Clone MGSSHHHHHH SSGLVPRGSH MGSMSFPKYK PSSLRTLPET LDPAEYNISP ETRRAQAERL

or AA Sequence: AIRAQLKREY LLQYNDPNRR GLIENPALLR WAYARTINVY PNFRPTPKNS

Tag:His-tagPredicted MW:12.6 kDaConcentration:lot specific

Purity: >90% by SDS - PAGE

Buffer: Presentation State: Purified

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

Preparation: Liquid purified protein

Protein Description: Recombinant human NDUFB4 protein, fused to His-tag at N-terminus, was expressed in

E.coli.

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid

repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

RefSeq: NP 001161803

 Locus ID:
 4710

 UniProt ID:
 095168

 Cytogenetics:
 3q13.33

 Synonyms:
 B15; CI-B15



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Summary: This gene encodes 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

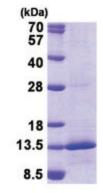
electrons from NADH to ubiquinone. [provided by RefSeq, Dec 2009]

Protein Families: Transmembrane

Protein Pathways: Alzheimer's disease, Huntington's disease, Metabolic pathways, Oxidative phosphorylation,

Parkinson's disease

Product images:



15% SDS-PAGE (3ug)