

Product datasheet for **AR50853PU-S**

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, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMSFPKYK PSSLRTLPEL LDPAEYNISP ETRRAQAERL AIRAQLKREY LLQYNDPNRR GLIENPALLR WAYARTINVY PNFRTPKNS
Tag:	His-tag
Predicted MW:	12.6 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: This purified protein is available in a denatured form, making it less suitable for functional studies. Denatured proteins are better suited for applications like Western Blot (WB) or imaging assays. 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:	O95168
Cytogenetics:	3q13.33
Synonyms:	Mitochondria Complex I (NADH Dehydrogenase), NADH-ubiquinone oxidoreductase B15 subunit, Complex I-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:

