

## **Product datasheet for AR51376PU-N**

## OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com

https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

## NDUFS5 (1-106, His-tag) Human Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** NDUFS5 (1-106, His-tag) human recombinant protein, 0.5 mg

Species: Human Expression Host: E. coli

**Expression cDNA Clone** MGSSHHHHHH SSGLVPRGSH MGSMPFLDIQ KRFGLNIDRW LTIQSGEQPY KMAGRCHAFE

or AA Sequence: KEWIECAHGI GYTRAEKECK IEYDDFVECL LRQKTMRRAG TIRKQRDKLI KEGKYTPPPH HIGKGEPRP

Tag: His-tag
Predicted MW: 14.9 kDa
Concentration: lot specific

Purity: >85% by SDS - PAGE

**Buffer:** Presentation State: Purified

State: Liquid purified protein

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

**Preparation:** Liquid purified protein

**Protein Description:** Recombinant human NDUFS5 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 001171908

**Locus ID:** 4725

**UniProt ID:** <u>O43920</u>, <u>Q6IBA0</u>

**Cytogenetics:** 1p34.3

Synonyms: CI-15k; CI15K





**Summary:** This gene is a member of the NADH dehydrogenase (ubiquinone) iron-sulfur protein family.

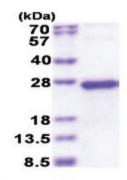
The encoded protein is a subunit of the NADH:ubiquinone oxidoreductase (complex I), the first enzyme complex in the electron transport chain located in the inner mitochondrial membrane. Alternative splicing results in multiple transcript variants and pseudogenes have

been identified on chromosomes 1, 4 and 17. [provided by RefSeq, May 2010]

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

Parkinson's disease

## **Product images:**



15% SDS-PAGE (3ug)