

Product datasheet for **AR51137PU-N**

NDUFV2 (33-249, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	NDUFV2 (33-249, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MSGGAGGALF VHRDTPENNP DTPFDFTPEN YKRIEAIKVN YPEGHKAHAV LPVLDLAQRQ NGWLPISAMN KVAEVLQVPP MRVYEVATFY TMYNRKPVGK YHIQVCTTTP CMLRNSDSL EAIQKKLGIK VGETTPDKLF TLIEVECLGA CVNAPMVQIN DNYEDLTAK DIEEIIDELK AGKIPKPGPR SGRFSCEPAG GLTSLTEPPK GPGFGVQAGL
Tag:	His-tag
Predicted MW:	26.1 kDa
Concentration:	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 0.15M NaCl, 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human NDUFV2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
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_066552
Locus ID:	4729
UniProt ID:	P19404
Cytogenetics:	18p11.22
Synonyms:	CI-24k; MC1DN7



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Summary:

The NADH-ubiquinone oxidoreductase complex (complex I) of the mitochondrial respiratory chain catalyzes the transfer of electrons from NADH to ubiquinone, and consists of at least 43 subunits. The complex is located in the inner mitochondrial membrane. This gene encodes the 24 kDa subunit of complex I, and is involved in electron transfer. Mutations in this gene are implicated in Parkinson's disease, bipolar disorder, schizophrenia, and have been found in one case of early onset hypertrophic cardiomyopathy and encephalopathy. A non-transcribed pseudogene of this locus is found on chromosome 19. [provided by RefSeq, Oct 2009]

Protein Families:

Druggable Genome

Protein Pathways:

Alzheimer's disease, Huntington's disease, Metabolic pathways, Oxidative phosphorylation, Parkinson's disease

Product images: