

Recombinant Full Length Human NDUFV2 Protein

Cat. No. NDUFV2-333HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human NDUFV2 with a N terminal proprietary tag; Predicted MWt 53.46 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	249 amino acids
Description	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 Parkinsons 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.
Form	Liquid
Molecular Mass	53.460kDa inclusive of tags
AA Sequence	MFFSAALRARAAGLTAHWGRHVRNLHKTAMQNGAGGALFV HRDTPENNPDTFPD FTPENYKRIEAIVKNYPEGHKAAAVL PVLDLAQRQNGWLPISAMNKVAEVLQVPPM RVYEVATFYT MYNRKPVGKYHIQVCTTTPCMLRNSDSILEAIQKKLGIKV GETTPDK

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LFTLIEVECLGACVNAPMVQINDNYYEDLTAKD IEEIIDELKAGKIPKPGPRSGRFSCE
PAGGLTSLTEPPKG PGFGVQAGL

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name [NDUFV2 NADH dehydrogenase \(ubiquinone\) flavoprotein 2, 24kDa \[Homo sapiens \]](#)

Official Symbol [NDUFV2](#)

Synonyms NDUFV2; NADH dehydrogenase (ubiquinone) flavoprotein 2, 24kDa; NADH dehydrogenase (ubiquinone) flavoprotein 2 (24kD); NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial; CI 24k; complex I 24kDa subunit; NADH dehydrogenase [ubiquinone] flavoprot

Gene ID [4729](#)

mRNA Refseq [NM_021074](#)

Protein Refseq [NP_066552](#)

MIM [600532](#)

UniProt ID [P19404](#)

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