

## NDUFV2 抗原（重组蛋白）

中文名称： NDUFV2 抗原（重组蛋白）

英文名称： NDUFV2 Antigen (Recombinant Protein)

别名： NADH dehydrogenase (ubiquinone) flavoprotein 2, 24kDa; CI-24k

储存： 冷冻（-20℃）

相关类别： 抗原

### 概述

Fusion protein corresponding to a region derived from 33-249 amino acids of human NDUFV2

### 技术规格

<b>Full name:</b>	NADH dehydrogenase (ubiquinone) flavoprotein 2, 24kDa
<b>Synonyms:</b>	CI-24k
<b>Swissprot:</b>	P19404
<b>Gene Accession:</b>	BC001632
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	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.