

## NDUFS4 抗原（重组蛋白）

中文名称： NDUFS4 抗原（重组蛋白）

英文名称： NDUFS4 Antigen (Recombinant Protein)

别名： NADH dehydrogenase (ubiquinone) Fe-S protein 4, 18kDa; AQDQ; CI-18

储存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to a region derived from 43-175 amino acids of human NDUFS4

### 技术规格

<b>Full name:</b>	NADH dehydrogenase (ubiquinone) Fe-S protein 4, 18kDa
<b>Synonyms:</b>	AQDQ; CI-18
<b>Swissprot:</b>	O43181
<b>Gene Accession:</b>	BC005270
<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>	This gene encodes an accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), or NADH:ubiquinone oxidoreductase, the first multi-subunit enzyme complex of the mitochondrial respiratory chain. Complex I plays a vital role in cellular ATP production, the primary source of energy for many crucial processes in living cells. It removes electrons from NADH and passes them by a series of different protein-coupled redox centers to th

the electron acceptor ubiquinone. In well-coupled mitochondria, the electron flux leads to ATP generation via the building of a proton gradient across the inner membrane.