

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

Full name:	NADH dehydrogenase (ubiquinone) Fe-S protein 4, 18kDa
Synonyms:	AQDQ; CI-18
Swissprot:	O43181
Gene Accession:	BC005270
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	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 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.