

NDUFA1 抗原（重组蛋白）

中文名称： NDUFA1 抗原（重组蛋白）

英文名称： NDUFA1 Antigen (Recombinant Protein)

别名： MWFE; ZNF183; CI-MWFE

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Full length fusion protein

技术规格

Full name:	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 1, 7.5kDa
Synonyms:	MWFE; ZNF183; CI-MWFE
Swissprot:	O15239
Gene Accession:	BC000266
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	The human NDUFA1 gene codes for an essential component of complex I of the respiratory chain, which transfers electrons from NADH to ubiquinone. It has been noted that the N-terminal hydrophobic domain has the potential to be folded into an alpha-helix spanning the inner mitochondrial membrane with a C-terminal hydrophilic domain interacting with globular subunits of complex I. The highly conserved two-domain structure suggests that this feature is critical for the protein function and might act as an anchor for the NADH:ubiquinone oxidoreductase complex at the inner mitochondrial membrane.