

## 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
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### 技术规格

<b>Full name:</b>	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 1, 7.5kDa
<b>Synonyms:</b>	MWFE; ZNF183; CI-MWFE
<b>Swissprot:</b>	O15239
<b>Gene Accession:</b>	BC000266
<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 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.