

DUF1A1 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： NADH dehydrogenase (ubiquinone) complex I, assembly factor 1; CGI65; CIA30; CGI-65

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 25-327 amino acids of human NDUFA1

技术规格

Full name:	NADH dehydrogenase (ubiquinone) complex I, assembly factor 1
Synonyms:	CGI65; CIA30; CGI-65
Swissprot:	Q9Y375
Gene Accession:	BC000780
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 a complex I assembly factor protein. Complex I (NADH-ubiquinone oxidoreductase) catalyzes the transfer of electrons from NADH to ubiquinone (coenzyme Q) in the first step of the mitochondrial respiratory chain, resulting in the translocation of protons across the inner mitochondrial membrane. The encoded protein is required for assembly of complex I, and mutations in this gene are a cause of mitochondrial complex I

deficiency. Alternatively spliced transcript variants have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 19.