

Recombinant Human NDUFA9 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NDUFA9-1809H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NDUFA9 MS Standard C13 and N15-labeled recombinant protein (NP_004993) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The encoded protein is a subunit of the hydrophobic protein fraction of the NADH:ubiquinone oxidoreductase (complex I), the first enzyme complex in the electron transport chain located in the inner mitochondrial membrane. A pseudogene has been identified on chromosome 12.
Molecular Mass	42.5 kDa
AA Sequence	MAAAAQSRVVRVLSMSRSAITAIATSVCHGPPCRQLHHALMPHGKGGRSSVSGIVA TVFGATGFLGRYVVNHLGRMGSSQVIIPYRCDKYDIMHLRPMGDLGQLLFLEWDARD KDSIRRVVQHSHNVVINLIGRDWETKNFDFEDVFVKIPQAIQLSKEAGVEKFIHVSHLN ANIKSSSRYLNRNKAUGEKVVVRDAFPEAIIVKPSDIFGREDRFLNSFASMHRFGPIPLG SLGWKTVKQPVYVVDVSKGIVNAVKDPDANGKSFAFVGPSRYLLFHLVKYIFAVAGR LFLPFPLPLFAYRWVARVFEISPFEPWITRDKVERMHITDMKPLPLPGLEDLGIQATP LELKAIEVLRRHRTYRWLSAEIEDVKPAKTVNITRTRPLEQKLISEEDLAANDILDYKD DDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	NDUFA9 NADH:ubiquinone oxidoreductase subunit A9 [Homo sapiens (human)]
Official Symbol	NDUFA9
Synonyms	NDUFA9; NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 9, 39kDa; NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 9 (39kD), NDUFS2L; NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9, mitochondrial; CI 39k; complex I 39kDa subunit; SDR22E1; short chain dehydrogenase/reductase family 22E; member 1; CI-39kD; NADH-ubiquinone oxidoreductase 39 kDa subunit; short chain dehydrogenase/reductase family 22E, member 1; NADH dehydrogenase (ubiquinone) Fe-S protein 2-like (NADH-coenzyme Q reductase); CC6; CI39k; CI-39k; NDUFS2L; MGC111043;
Gene ID	4704
mRNA Refseq	NM_005002
Protein Refseq	NP_004993
MIM	603834

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UniProt ID

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SDS-PAGE

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