

Recombinant Human NDUFA9

Cat. No. NDUFA9-28706TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human NDUFA9 with N terminal proprietary tag, 69.5kDa.
Species	Human
Source	Wheat Germ
ProteinLength	377 amino acids
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 Weight	69.500kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino	MAAAAQSRVVRVLMSRSAITAIATSVCHGPPCRQLHHAL MPHGKGGRRSSVSGIVA

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

acids

TVFGATGFLGRYVVNHLGRMG SQV IIPYRCDKYDIMHLRPMGDLGQLLFLEWDARD
 KDSIRRVV QHSNVVINLIGRDWETKNFDFEDVFVKIPQAIAQLSKEAG VEKFIHVSHL
 NANIKSSSRYL RNKAVGEKVVRDAFPEAII VKPSDIFGREDRFLNSFASMHRFGPIPL
 GSLGWKTVKQP V YVVDVSKGIVNAVKD

Sequence
Similarities

Belongs to the complex I NDUFA9 subunit family.

GENE INFORMATION

Gene Name

NDUFA9 NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 9, 39kDa [Homo sapiens]

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; SDR

Gene ID

4704

mRNA Refseq

NM_005002

Protein Refseq

NP_004993

MIM

603834

Uniprot ID

Q16795

Chromosome Location

12p13.3

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Pathway	Alzheimers disease, organism-specific biosystem; Alzheimers disease, conserved biosystem; Electron Transport Chain, organism-specific biosystem; Huntingtons disease, organism-specific biosystem; Huntingtons disease, conserved biosystem;
Function	NADH dehydrogenase (ubiquinone) activity; NADH dehydrogenase activity; NADH dehydrogenase activity; nucleotide binding;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA