Recombinant Human NDUFA9

Cat. No. NDUFA9-28709TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human NDUFA9 with N terminal proprietary tag, predicted mwt: 33.88 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	75 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	33.880kDa 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.

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Sequences of amino acids	RVFEISPFEPWITRDKVERMHITDMKLPHLPGLEDLGIQATPLELKAIEVLRRHRTYR WLSAEIEDVKPAKTVNI
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
Pathway	Alzheimers disease, organism-specific biosystem; Alzheimers disease, conserved

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	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;

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