

Recombinant Human MT-ND4

Cat. No. MT-ND4-27840TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human NADH dehydrogenase subunit 4 with N-terminal proprietary tag. Predicted MW 31.57kDa.
Species	Human
Source	Wheat Germ
ProteinLength	54 amino acids
Molecular Weight	31.570kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 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 acids	YSLYIFTTTQWGLTHHINNIKPSFTRENTLMFIHLSPILLLSLNPDIITGFSS
Sequence Similarities	Belongs to the complex I subunit 4 family.

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GENE INFORMATION

Gene Name MT-ND4 mitochondrially encoded NADH dehydrogenase 4 [Homo sapiens]

Official Symbol MT-ND4

Synonyms MT-ND4; mitochondrially encoded NADH dehydrogenase 4; MTND4, NADH dehydrogenase 4; NADH dehydrogenase, subunit 4 (complex I); complex I ND4 subunit; NAD4; NADH ubiquinone oxidoreductase chain 4; ND4;

Gene ID 4538

Uniprot ID P03905

Chromosome Location mitochondria

Pathway Electron Transport Chain, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; NAD/NADH phosphorylation and dephosphorylation, organism-specific biosystem; NADH:ubiquinone oxidoreductase, mitochondria, organism-specific biosystem;

Function NADH dehydrogenase (ubiquinone) activity; oxidoreductase activity;

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