Recombinant Human MT-ND1

Cat. No. MT-ND1-30257TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human MT-ND1 with N terminal proprietary tag; Predicted MWt 31.24 kDa including the tag.
Species	Human
Source	Wheat Germ
ProteinLength	51 amino acids
Molecular Weight	31.240kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.79% Tris HCl, 0.3% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MLTERKILGYIQLRKGPNVVGPYGLLQPFADAIKLFTKEPLKPATSTITLY
Sequence Similarities	Belongs to the complex I subunit 1 family.

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

GENE INFORMATION

Gene Name	MT-ND1 mitochondrially encoded NADH dehydrogenase 1 [Homo sapiens]
Official Symbol	MT-ND1
Synonyms	MT-ND1; mitochondrially encoded NADH dehydrogenase 1; MTND1, NADH dehydrogenase 1; NADH dehydrogenase, subunit 1 (complex I); complex I ND1 subunit; NAD1; NADH ubiquinone oxidoreductase chain 1; ND1;
Gene ID	4535
Uniprot ID	P03886
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; protein binding;

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