Recombinant Human NDUFA4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NDUFA4-2135H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NDUFA4 MS Standard C13 and N15-labeled recombinant protein (NP_002480) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene belongs to the complex I 9kDa subunit family. Mammalian complex I of mitochondrial respiratory chain is composed of 45 different subunits. This protein has NADH dehydrogenase activity and oxidoreductase activity. It transfers electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.
Molecular Mass	9.4 kDa
AA Sequence	MLRQIIGQAKKHPSLIPLFVFIGTGATGATLYLLRLALFNPDVCWDRNNPEPWNKLGP NDQYKFYSVNVDYSKLKKERPDFTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
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.

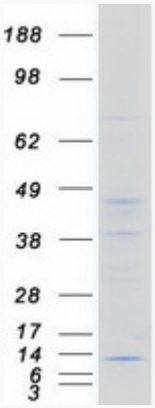
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Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	NDUFA4 NDUFA4 mitochondrial complex associated [Homo sapiens (human)]
Official Symbol	NDUFA4
Synonyms	NDUFA4; NDUFA4 mitochondrial complex associated; MLRQ; CI-9k; COXFA4; CI-MLRQ; MC4DN21; cytochrome c oxidase subunit NDUFA4; Complex I 9kDa subunit; NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4, 9kDa; NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 4; NADH-ubiquinone oxidoreductase MLRQ subunit; complex I-MLRQ; cytochrome c oxidase subunit FA4; EC 1.6.99.3; EC 7.1.1.2
Gene ID	4697
mRNA Refseq	NM_002489
Protein Refseq	NP_002480
MIM	603833
UniProt ID	O00483

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SDS-PAGE	

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