

Recombinant Human NDUFC1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NDUFC1-5169H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NDUFC1 MS Standard C13 and N15-labeled recombinant protein (NP_002485) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The encoded protein is a subunit of the NADH:ubiquinone oxidoreductase (complex I), the first enzyme complex in the electron transport chain located in the inner mitochondrial membrane. Alternative splicing results in multiple transcript variants.
Molecular Mass	8.7 kDa
AA Sequence	MAPSALLRPLSRLLAPARLPSPGSPVRSKFYVREPPNAKPDWLKVGFTLGTTVFLWIY LIKQHNEIDILEYKRRNGLETRTRPLEQKLISEEDLAANDILDYKDDDDKV
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.
Concentration	50 µg/mL as determined by BCA

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Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [NDUFC1 NADH:ubiquinone oxidoreductase subunit C1 \[Homo sapiens \(human\) \]](#)

Official Symbol [NDUFC1](#)

Synonyms

NDUFC1; NADH:ubiquinone oxidoreductase subunit C1; KFYI; NADH dehydrogenase [ubiquinone] 1 subunit C1, mitochondrial; CI-KFYI; NADH dehydrogenase (ubiquinone) 1, subcomplex unknown, 1, 6kDa; NADH-ubiquinone oxidoreductase KFYI subunit; complex I KFYI subunit; complex I-KFYI

Gene ID [4717](#)

mRNA Refseq [NM_002494](#)

Protein Refseq [NP_002485](#)

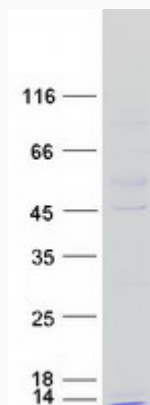
MIM [603844](#)

UniProt ID [O43677](#)

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SDS-PAGE

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