

Recombinant Human NDUFA7 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NDUFA7-6419H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NDUFA7 MS Standard C13 and N15-labeled recombinant protein (NP_004992) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a subunit of NADH:ubiquinone oxidoreductase (complex I), which is a multiprotein complex located in the inner mitochondrial membrane. Complex I functions in the transfer of electrons from NADH to the respiratory chain.
Molecular Mass	12.6 kDa
AA Sequence	MASATRLIQRLRNWASGHDLQGKLQLRYQEISKRTQPPPKLPVGPSHKLSNNYYCT RDGRRESVPPSIIMSSQKALVSGKPAESSAVAATEKKAVTPAPPIKRWELSSDQPYL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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 [NDUFA7 NADH:ubiquinone oxidoreductase subunit A7 \[Homo sapiens \(human\) \]](#)

Official Symbol [NDUFA7](#)

Synonyms NDUFA7; NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 7, 14.5kDa; NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 7 (14.5kD, B14.5a); NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 7; B14.5a; complex I B14.5a subunit; CI-B14.5a; NADH-ubiquinone oxidoreductase subunit B14.5a;

Gene ID [4701](#)

mRNA Refseq [NM_005001](#)

Protein Refseq [NP_004992](#)

MIM [602139](#)

UniProt ID [O95182](#)

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