

Recombinant Human NDUFAB1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NDUFAB1-713H **Lot. No.** (See product label)

SPECIFICATION

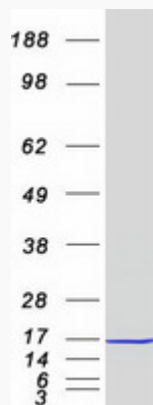
Product Overview	NDUFAB1 MS Standard C13 and N15-labeled recombinant protein (NP_004994) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Carrier of the growing fatty acid chain in fatty acid biosynthesis. Accessory and non-catalytic subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), which functions in the transfer of electrons from NADH to the respiratory chain.
Molecular Mass	17.2 kDa
AA Sequence	MASRVLSAYVSRLPAAFAPLPRVRMLAVARPLSTALCSAGTQTRLGTLQPALVLAQV PGRVTQLCRQYSDMPPLTLEGIQDRVLYVLKLYDKIDPEKLSVNSHFMKDLGLDSL QVEIIMAMEDEFGFEIPDIDAEKLMCPQEIVDYIADKKDVYETRTRPLEQKLISEEDLA ANDILDYKDDDDKV
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.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	NDUFAB1 NADH:ubiquinone oxidoreductase subunit AB1 [Homo sapiens (human)]
Official Symbol	NDUFAB1
Synonyms	NDUFAB1; NADH dehydrogenase (ubiquinone) 1, alpha/beta subcomplex, 1, 8kDa; NADH dehydrogenase (ubiquinone) 1, alpha/beta subcomplex, 1 (8kD, SDAP); acyl carrier protein, mitochondrial; ACP; acyl carrier protein; mitochondrial; complex I SDAP subunit; FASN2A; SDAP; CI-SDAP; mitochondrial acyl carrier protein; NADH:ubiquinone oxidoreductase SDAP subunit; NADH-ubiquinone oxidoreductase 9.6 kDa subunit; MGC65095;
Gene ID	4706
mRNA Refseq	NM_005003
Protein Refseq	NP_004994
MIM	603836
UniProt ID	O14561

SDS-PAGE

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