

Recombinant Mouse Ndufb6 Protein, Myc/DDK-tagged

Cat. No. Ndufb6-4340M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length NADH:ubiquinone oxidoreductase subunit B6 (Ndufb6), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a subunit of complex I (NADH:ubiquinone oxidoreductase) of the mitochondrial respiratory chain. This complex functions in electron transport and generation of a proton gradient across the inner mitochondrial membrane to drive ATP synthesis. Data from human cell lines suggests that the encoded subunit may be required for electron transfer activity.
Molecular Mass	15.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Ndufb6 NADH:ubiquinone oxidoreductase subunit B6 [Mus musculus (house mouse)]
Official Symbol	Ndufb6
Synonyms	NDUFB6; NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 6; NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 6; CI-B17; complex I-B17; NADH-ubiquinone oxidoreductase B17 subunit; Gm137
Gene ID	230075
mRNA Refseq	NM_001033305
Protein Refseq	NP_001028477
UniProt ID	Q3UIU2

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