Recombinant Mouse Ndufb7 Protein, Myc/DDK-tagged

Cat. No. Ndufb7-4341M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length NADH:ubiquinone oxidoreductase subunit B7 (Ndufb7), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.
Molecular Mass	16.3 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	Ndufb7 NADH:ubiquinone oxidoreductase subunit B7 [Mus musculus (house mouse)]
Official Symbol	Ndufb7
Synonyms	NDUFB7; NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 7; NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7; CI-B18; complex I-B18; NADH-ubiquinone oxidoreductase B18 subunit; 1110002H15Rik
Gene ID	66916
mRNA Refseq	NM_025843
Protein Refseq	NP_080119
UniProt ID	Q9CR61

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