Recombinant Mouse Ndufa5 Protein, Myc/DDK-tagged

Cat. No. Ndufa5-4331M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length NADH:ubiquinone oxidoreductase subunit A5 (Ndufa5), 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	13.4 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	Ndufa5 NADH:ubiquinone oxidoreductase subunit A5 [Mus musculus (house mouse)]
Official Symbol	Ndufa5
Synonyms	NDUFA5; NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 5; NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5; CI-13kD-B; complex I-13kD-B; complex I subunit B13; NADH-ubiquinone oxidoreductase 13 kDa-B subunit; 2900002J19Rik
Gene ID	68202
mRNA Refseq	NM_026614
Protein Refseq	NP_080890
UniProt ID	Q9CPP6

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