Recombinant Mouse Ndufs2 Protein, Myc/DDK-tagged

Cat. No. Ndufs2-4345M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length NADH:ubiquinone oxidoreductase core subunit S2 (Ndufs2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for 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	52.6 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	Ndufs2 NADH:ubiquinone oxidoreductase core subunit S2 [Mus musculus (house mouse)]
Official Symbol	Ndufs2
Synonyms	NDUFS2; NADH dehydrogenase (ubiquinone) Fe-S protein 2; NADH dehydrogenase [ubiquinone] iron-sulfur protein 2, mitochondrial; CI-49kD; complex I-49kD; NADH-coenzyme Q reductase; NADH-ubiquinone oxidoreductase 49 kDa subunit; AL033311; MGC27667
Gene ID	226646
mRNA Refseq	NM_153064
Protein Refseq	NP_694704
UniProt ID	Q91WD5

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