

Recombinant Mouse Ndufs4 Protein, Myc/DDK-tagged

Cat. No. Ndufs4-4346M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length NADH:ubiquinone oxidoreductase core subunit S4 (Ndufs4), 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	18.5 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Ndufs4 NADH:ubiquinone oxidoreductase core subunit S4 [Mus musculus (house mouse)]
Official Symbol	Ndufs4
Synonyms	NDUFS4; NADH dehydrogenase (ubiquinone) Fe-S protein 4; NADH dehydrogenase [ubiquinone] iron-sulfur protein 4, mitochondrial; CI-AQDQ; CI-18 kDa; complex I-AQDQ; complex I-18 kDa; NADH-ubiquinone oxidoreductase 18 kDa subunit; C1-18k; 6720411N02Rik
Gene ID	17993
mRNA Refseq	NM_010887
Protein Refseq	NP_035017
UniProt ID	Q9CXZ1

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