

Recombinant Mouse Ndufa12 Protein, Myc/DDK-tagged

Cat. No. Ndufa12-4328M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length NADH:ubiquinone oxidoreductase subunit A12 (Ndufa12), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Acts as a molecular chaperone for mitochondrial complex I assembly. 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	17.6 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.

GENE INFORMATION

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Gene Name	Ndufa12 NADH:ubiquinone oxidoreductase subunit A12 [Mus musculus (house mouse)]
Official Symbol	Ndufa12
Synonyms	Ndufa12; NADH:ubiquinone oxidoreductase subunit A12; CIB17.2; AW112974; CI-B17.2; 2410011G03Rik; NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 12; 13kDa differentiation-associated protein; NADH-ubiquinone oxidoreductase subunit B17.2; complex I-B17.2; EC 1.6.99.3; EC 7.1.1.2
Gene ID	66414
mRNA Refseq	NM_025551
Protein Refseq	NP_079827

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