

Recombinant Mouse Ndufaf5 Protein, Myc/DDK-tagged

Cat. No. Ndufaf5-4339M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length NADH:ubiquinone oxidoreductase complex assembly factor 5 (Ndufaf5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Arginine hydroxylase involved in the assembly of mitochondrial NADH:ubiquinone oxidoreductase complex (complex I, MT-ND1) at early stages. Acts by mediating hydroxylation of 'Arg-111' of NDUF57. May also have methyltransferase activity.
Molecular Mass	17.5 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.

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GENE INFORMATION

Gene Name	Ndufaf5 NADH:ubiquinone oxidoreductase complex assembly factor 5 [Mus musculus (house mouse)]
Official Symbol	Ndufaf5
Synonyms	Ndufaf5; NADH:ubiquinone oxidoreductase complex assembly factor 5; 2310003L22Rik; arginine-hydroxylase NDUFAF5, mitochondrial; NADH dehydrogenase (ubiquinone) complex I, assembly factor 5; NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 5; probable methyltransferase C20orf7 homolog, mitochondrial; putative methyltransferase NDUFAF5; EC 2.1.1.-
Gene ID	69487
mRNA Refseq	NM_027093
Protein Refseq	NP_081369
UniProt ID	A2APY7

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