

Recombinant Human NDUFAB1, His-tagged

Cat. No. NDUFAB1-1228H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NDUFAB1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-156aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	NDUFAB1 NADH dehydrogenase (ubiquinone) 1, alpha/beta subcomplex, 1, 8kDa [Homo sapiens]
Official Symbol	NDUFAB1
Synonyms	NDUFAB1; NADH dehydrogenase (ubiquinone) 1, alpha/beta subcomplex, 1, 8kDa; NADH dehydrogenase (ubiquinone) 1, alpha/beta subcomplex, 1 (8kD, SDAP); acyl carrier protein, mitochondrial; ACP; acyl carrier protein; mitochondrial; complex I

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	SDAP subunit; FASN2A; SDAP; CI-SDAP; mitochondrial acyl carrier protein; NADH:ubiquinone oxidoreductase SDAP subunit; NADH-ubiquinone oxidoreductase 9.6 kDa subunit; MGC65095;
Gene ID	4706
mRNA Refseq	NM_005003
Protein Refseq	NP_004994
MIM	603836
UniProt ID	O14561
Chromosome Location	16p12.3
Pathway	Alzheimers disease, organism-specific biosystem; Alzheimers disease, conserved biosystem; Electron Transport Chain, organism-specific biosystem; Huntingtons disease, organism-specific biosystem; Huntingtons disease, conserved biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem;
Function	NADH dehydrogenase (ubiquinone) activity; acyl carrier activity; calcium ion binding; cofactor binding; fatty acid binding; phosphopantetheine binding;