

Recombinant Human NDUFS4, His-tagged

Cat. No. NDUFS4-1240H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NDUFS4 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-175aa
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	NDUFS4 NADH dehydrogenase (ubiquinone) Fe-S protein 4, 18kDa (NADH-coenzyme Q reductase) [Homo sapiens]
Official Symbol	NDUFS4
Synonyms	NDUFS4; NADH dehydrogenase (ubiquinone) Fe-S protein 4, 18kDa (NADH-coenzyme Q reductase); NADH dehydrogenase (ubiquinone) Fe S protein 4 (18kD) (NADH coenzyme Q reductase); NADH dehydrogenase [ubiquinone] iron-sulfur

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	protein 4, mitochondrial; AQDQ; CI 18; complex I 18kDa subunit; CI-AQDQ; CI-18 kDa; complex I-AQDQ; complex I-18 kDa; NADH-coenzyme Q reductase, 18-KD; NADH-ubiquinone oxidoreductase 18 kDa subunit; NADH dehydrogenase (ubiquinone) iron-sulfur protein 4; mitochondrial respiratory chain complex I (18-KD subunit); CI-18;
Gene ID	4724
mRNA Refseq	NM_002495
Protein Refseq	NP_002486
MIM	602694
UniProt ID	O43181
Chromosome Location	5q11.1
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; contributes_to NADH dehydrogenase (ubiquinone) activity; oxidoreductase activity, acting on NADH or NADPH;