

Recombinant Human NDUFV1, GST-tagged

Cat. No. NDUFV1-1243H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NDUFV1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-350aa
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 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	NDUFV1 NADH dehydrogenase (ubiquinone) flavoprotein 1, 51kDa [Homo sapiens]
Official Symbol	NDUFV1
Synonyms	NDUFV1; NADH dehydrogenase (ubiquinone) flavoprotein 1, 51kDa; NADH dehydrogenase (ubiquinone) flavoprotein 1 (51kD); NADH dehydrogenase [ubiquinone] flavoprotein 1, mitochondrial; CI 51K; complex I 51kDa subunit; NADH dehydrogenase [ubiquinone] flavoprotein 1; mitochondrial; complex I 51 kda subunit;

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	complex I, mitochondrial respiratory chain; NADH-ubiquinone oxidoreductase 51 kDa subunit; mitochondrial NADH dehydrogenase ubiquinone flavoprotein 1; mitochondrial NADH:ubiquinone oxidoreductase 51 kda subunit; UQOR1; CI-51K; CI51KD; FLJ59059;
Gene ID	4723
mRNA Refseq	NM_001166102
Protein Refseq	NP_001159574
MIM	161015
UniProt ID	P49821
Chromosome Location	11q13
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	4 iron, 4 sulfur cluster binding; FMN binding; NAD binding; NADH dehydrogenase (ubiquinone) activity; NADH dehydrogenase activity; metal ion binding;