Recombinant Human NDUFB6 cell lysate

Cat. No. NDUFB6-1178HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Description	The protein encoded by this gene is a subunit of the multisubunit NADH:ubiquinone oxidoreductase (complex I). Mammalian complex I is composed of 45 different subunits. It locates at the mitochondrial inner membrane. This protein has NADH dehydrogenase activity and oxidoreductase activity. It transfers electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. Alternative splicing occurs at this locus and two transcript variants encoding distinct isoforms have been identified.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	NDUFB6 NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 6, 17kDa [Homo sapiens]
Official Symbol	NDUFB6

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Synonyms	NDUFB6; NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 6, 17kDa; NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 6 (17kD, B17); NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 6; B17; CI; complex I; mitochondrial respiratory chain; B17 subunit; NADH ubiquinone oxidoreductase B17 subunit; NADH ubiquinone oxidoreductase beta subunit; 6; CI-B17; complex I-B17; NADH-ubiquinone oxidoreductase B17 subunit; NADH-ubiquinone oxidoreductase beta subunit, 6; complex I, mitochondrial respiratory chain, B17 subunit; MGC13675;
Gene ID	4712
mRNA Refseq	NM_001199987
Protein Refseq	NP_001186916
MIM	603322
UniProt ID	O95139
Chromosome Location	9p13.2
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;

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