

Recombinant Human NDUFB10, His-tagged

Cat. No. NDUFB10-28708TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein, corresponding to amino acids 1-172 of Human NDUFB10 with N terminal His tag. Predicted mwt: 22 kDa;
Species	Human
Source	E.coli
ProteinLength	1-172 a.a.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 68 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MPDSWDKDVYPEPPRRTPVQPNPIVYMMKAFDLIVDRPVT LVREFIERQHAKNRYYYHHRQYRRVPDITECKEEDIMC MYEAEMQWKRDYKVDQEIIINIMQDRLKACQQRGQNYQ QNCIKEVEQFTQVAKAYQDRYQDLGAYSSARKCLAKQRQR MLQERKAAKEAAAATS
Sequence Similarities	Belongs to the complex I NDUFB10 subunit family.

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Full Length	Full L.
GENE INFORMATION	
Gene Name	NDUFB10 NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 10, 22kDa [Homo sapiens]
Official Symbol	NDUFB10
Synonyms	NDUFB10; NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 10, 22kDa; NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 10 (22kD, PDSW); NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10; complex I PDSW subunit; PDSW;
Gene ID	4716
mRNA Refseq	NM_004548
Protein Refseq	NP_004539
MIM	603843
Uniprot ID	O96000
Chromosome Location	16p13.3
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;

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Function

NADH dehydrogenase (ubiquinone) activity; protein binding;

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