NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10, Recombinant Protein

CD BioSciences
Plant Protein

Cat *RP15396*

Size *0.05 mg (E-Coli)/ 0.2 mg (E-Coli)/ 0.05 mg (Yeast)/ 0.5 mg (E-Coli)/ 0.05 mg (Baculovirus)/ 0.2 mg (Yeast)/ 1 mg (E-Coli)/ 0.5 mg (Yeast)/ 0.1 mg (Baculovirus)/ 0.05 mg (Mammalian-Cell)/ 1 mg (Yeast)/ 0.5 mg (Baculovirus)/ 0.1 mg (Mammalian-Cell)/ 1 mg (B*

Species
Solanum tuberosum (Potato)

Full Product Name
Recombinant Solanum tuberosum NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10

Product Synonym Names
Recombinant NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10; NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10

Purity
Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence
GRKKGVQFDE GAPDDFDPNN PYKKDVAFL

Sequence Positions
1-29aa; full length protein

Format
Lyophilized or liquid (Format to be determined during the manufacturing process)

Host
E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight
3,269 Da

Storage
Store at -20℃. For extended storage, store at -20 or -80℃.

Protein Family
NADH dehydrogenase

NCBI Accession
P80267.1

NCBI GI
464265

NCBI Official Full Name
NADH dehydrogenase

UniProt Protein Name
NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10

UniProt Entry Name
NDUBA_SOLTU

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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UniProt Primary Accession

P80267

UniProt Comments

Function: Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone By similarity.Subunit structure: Complex I is composed of about 45 different subunits By similarity.Subcellular location: Mitochondrion inner membrane; Peripheral membrane protein; Matrix side. Sequence similarities: Belongs to the complex I NDUFB10 subunit family.

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