Probable NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 12 (At3g03100), Recombinant Protein

CD BioSciences
Plant Protein

Cat *RP09824*

Size *0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 1 mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)*

Species
Arabidopsis thaliana (Mouse-ear cress)

Full Product Name
Recombinant Arabidopsis thaliana Probable NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 12 (At3g03100)

Product Gene Name
At3g03100 recombinant protein

Product Synonym Gene Name
At3g03100

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

Sequence
MALTVAKSAL EAIREKGLGG FMRMIREEGF MRCLPDGNLL QTKIHNIGAT LVGVDKFGNK YYQKLGDTQY GRHRWVEYAS KDRYNASQVP AEWHGWLHFI TDHTGDELLS LKPKRYGLEH KENFSGEGDA YIYHSKGHTL NPGQKNWTRY QSWVPTKTQ

Sequence Positions
1-159, 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
18,317 Da

Storage
Store at -20℃. For long-term storage, store at -20℃ or -80℃. Store working aliquots at 4℃ for up to one week. Repeated freezing and thawing is not recommended.

Protein Family
Probable NADH dehydrogenase

NCBI Accession
NP_566192.1

NCBI GI
18396441

NCBI GenBank Nucleotide

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https://www.cd-biosciences.com/plant-protein/

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NM_111180.3

NCBI GeneID
821104

NCBI Official Full Name
NADH:ubiquinone oxidoreductase, 17.2kDa subunit

NCBI Official Symbol
AT3G03100

NCBI Official Synonym Symbols
T17B22.21; T17B22_21

NCBI Protein Information
NADH:ubiquinone oxidoreductase, 17.2kDa subunit

UniProt Gene Name
At3g03100

UniProt Protein Name
Probable NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 12

UniProt Primary Accession
Q9M9M9

UniProt Related Accession
Q9M9M9

UniProt Comments
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 .

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