

NADH-ubiquinone oxidoreductase chain 3 (ND3) (nad3), Recombinant Protein

Cat *RP16641*

Species

Triticum aestivum (Wheat)

Full Product Name

Recombinant Triticum aestivum NADH-ubiquinone oxidoreductase chain 3 (ND3)

Product Synonym Names

Recombinant NADH-ubiquinone oxidoreductase chain 3 (ND3); NADH-ubiquinone oxidoreductase chain 3 EC=1.6.5.3; NADH dehydrogenase subunit 3

Product Gene Name

nad3 recombinant protein

Product Synonym Gene Name

ND3; NAD3

Purity

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

Sequence

SNSSTYPEKL SAYECGFDPF GDARSRFDIR FY

Sequence Positions

30-61

Format

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

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

13,725 Da

Storage

Store at -20°C. For extended storage, store at -20 or -80°C.

NCBI Accession

YP_398425.1

NCBI GI

81176543

NCBI GenBank Nucleotide

NC_007579.1

NCBI GeneID

3800094

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

NADH-ubiquinone oxidoreductase chain 3 (ND3) (nad3), Recombinant Protein

Cat *RP16641*

NCBI Official Full Name

nad3

NCBI Official Symbol

nad3

NCBI Protein Information

nad3

UniProt Gene Name

ND3

UniProt Synonym Gene Names

NAD3

UniProt Protein Name

NADH-ubiquinone oxidoreductase chain 3

UniProt Synonym Protein Names

NADH dehydrogenase subunit 3

UniProt Entry Name

NU3M_WHEAT

UniProt Primary Accession

P60160

UniProt Secondary Accession

P18903; Q96032

UniProt Related Accession

DNWTU3

UniProt Comments

Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for catalysis.

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