

Uncharacterized mitochondrial protein AtMg01260 (nad1), Recombinant Protein

Cat *RP00498*

Size *0.02 mg/ 0.1 mg/ 5x0.1 mg*

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* Uncharacterized mitochondrial protein AtMg01260 (AtMg01260)

Product Gene Name

nad1 recombinant protein

Purity

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

Sequence

MQPDLTLLGK LRSTWASATV NVIHPISLCL SWFLGTIGCS SPLPLRCADL RILLKKKEF CLLPLFYHLG
IFQHLFYPII PLLAFCFYAP RLVCPAASLE FQRRYVWIL AVSRHIVFLE NSYYIMLLHP HHLHHPHPPF
LIFLFLILRK LRRNRSVKAQ RIMQRSCHRL LFAPVGNDSE LSAPSAPSES VVPLRRFNRRQ SVSTV

Sequence Positions

1-205aa; full length protein

Format

Liquid containing glycerol

Host

Cell Free Expression

Molecular Weight

23,690 Da

Storage

Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

NCBI Accession

NP_085578.1

NCBI GI

13449396

NCBI GenBank Nucleotide

NC_001284.2

NCBI GeneID

3890477

NCBI Official Full Name

hypothetical protein ArthMp044 (mitochondrion)

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Cat *RP00498*

Size *0.02 mg/ 0.1 mg/ 5x0.1 mg*

NCBI Official Symbol

nad1

NCBI Protein Information

NADH dehydrogenase subunit 1; hypothetical protein

UniProt Gene Name

AtMg01260

UniProt Protein Name

Uncharacterized mitochondrial protein AtMg01260

UniProt Synonym Protein Names

ORF205

UniProt Entry Name

M1260_ARATH

UniProt Primary Accession

P92556

UniProt Secondary Accession

Q1ZXW1

UniProt Related Accession

P92544

UniProt Comments

MiscellaneousA stretch of 270 kb of the mitochondrial genome is duplicated within the centromere of chromosome 2 resulting in the duplication of the gene. The expression of the duplicated gene is not demonstrated.

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