

# Uncharacterized mitochondrial protein AtMg00170/AtMg00620 (ArthMp016), Recombinant Protein

Cat *RP00475*

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 AtMg00170/AtMg00620 (AtMg00170)

## Product Gene Name

ArthMp016 recombinant protein

## Purity

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

## Sequence

MIQRTRNQSI MLSLPSNQSA NHAILTFQPI GQSRVLLTFQ PTPSIPLLQQ YIISVPYLDA YSSICFPVMA  
RIRSAKYCFF FFLVLFLNGI IATR GKAMPL TLPQKGAAFF PPKMPVPPSG PSKQHNSAPR SDFVQFFYM

## Sequence Positions

1-139aa; full length protein

## Format

Liquid containing glycerol

## Host

Cell Free Expression

## Molecular Weight

15,710 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\_085488.1

## NCBI GI #

13449305

## NCBI GenBank Nucleotide #

NC\_001284.2

## NCBI GeneID

3371320

## NCBI Official Full Name

hypothetical protein ArthMp016 (mitochondrion)

## NCBI Official Symbol

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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Cat *RP00475*

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ArthMp016

## NCBI Protein Information

hypothetical protein

## UniProt Gene Name

AtMg00170

## UniProt Protein Name

Uncharacterized mitochondrial protein AtMg00170/AtMg00620

## UniProt Synonym Protein Names

ORF139b/ORF139a

## UniProt Entry Name

M170\_ARATH

## UniProt Primary Accession #

P94024

## UniProt Secondary Accession #

Q1PF87; Q27GL7; Q8RUI2

## UniProt Related Accession #

P94024

## 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 this duplicated gene (At2g07722) is not demonstrated.

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