

# Uncharacterized mitochondrial protein AtMg00370 (ArthMp033), Recombinant Protein

Cat *RP00465*

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 AtMg00370 (AtMg00370)

## Product Gene Name

ArthMp033 recombinant protein

## Purity

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

## Sequence

MVFQSFILGN LVYLCMKIIN SVVVVGLYYG FLTTFSIGPS YLFLLRARVM DEGEEGTEKK VSATTGFIAG  
QLMMFISIYY APLHLALGRP HTITVLALPY LLFHFFFWNN HKHFFDYGST TRNEMRNLRI QCVFPNNLIF  
KLFNHLILPS SMLARLVNIY MFRCNNKMLF VTSSFVVCVR MLLVEWAFPL FQLFLVMKV

## Sequence Positions

1-199aa; full length protein

## Format

Liquid containing glycerol

## Host

Cell Free Expression

## Molecular Weight

23,177 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\_085501.1

## NCBI GI #

13449319

## NCBI GenBank Nucleotide #

NC\_001284.2

## NCBI GeneID

3371328

## NCBI Official Full Name

hypothetical protein ArthMp033 (mitochondrion)

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

# Uncharacterized mitochondrial protein AtMg00370 (ArthMp033), Recombinant Protein

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## NCBI Official Symbol

ArthMp033

## NCBI Protein Information

hypothetical protein

## UniProt Gene Name

AtMg00370

## UniProt Protein Name

Uncharacterized mitochondrial protein AtMg00370

## UniProt Synonym Protein Names

ORF199

## UniProt Entry Name

M370\_ARATH

## UniProt Primary Accession #

P93296

## UniProt Secondary Accession #

Q27GL5; Q8S8J2

## UniProt Related Accession #

P93296

## 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 (At2g07739) is not demonstrated.

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