

# Uncharacterized mitochondrial protein AtMg00610 (ArthMp054), Recombinant Protein

Cat *RP00441*

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 AtMg00610 (AtMg00610)

## Product Gene Name

ArthMp054 recombinant protein

## Purity

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

## Sequence

MLYGLRLYAF QEISFLDPWQ LAAIFSGSCV LFISLEKRTL TGYMLTFILY SVLALFVSVW LSSAAGKAGI  
PIEGMVFLLF LIGGICFICL IQKIFQLTPN TVQALIPILF SALFFFLEEL PALEGLPLLK WLKGLDLLLL LVGLLLLIFN  
ENRQGGDGEG S

## Sequence Positions

1-161aa; full length protein

## Format

Liquid containing glycerol

## Host

Cell Free Expression

## Molecular Weight

17,843 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\_085521.1

## NCBI GI #

13449339

## NCBI GenBank Nucleotide #

NC\_001284.2

## NCBI GeneID

3371306

## NCBI Official Full Name

hypothetical protein ArthMp054 (mitochondrion)

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

# Uncharacterized mitochondrial protein AtMg00610 (ArthMp054), Recombinant Protein

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## NCBI Official Symbol

ArthMp054

## NCBI Protein Information

hypothetical protein

## UniProt Gene Name

AtMg00610

## UniProt Protein Name

Uncharacterized mitochondrial protein AtMg00610

## UniProt Synonym Protein Names

ORF161

## UniProt Entry Name

M610\_ARATH

## UniProt Primary Accession #

P93316

## UniProt Related Accession #

P93316

## 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 (At2g07719) is not demonstrated.

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