

# Probable acyl-activating enzyme 5, peroxisomal (AAE5), Recombinant Protein

Cat *RP01381*

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## Species

*Arabidopsis thaliana* (Mouse-ear cress)

## Full Product Name

Recombinant *Arabidopsis thaliana* Probable acyl-activating enzyme 5, peroxisomal (AAE5) , partial

## Product Gene Name

AAE5 recombinant protein

## Product Synonym Gene Name

AAE5

## Purity

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

## Format

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

## Host

E Coli or Yeast or Baculovirus or Mammalian Cell

## Molecular Weight

60,770 Da

## Storage

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

## Protein Family

Probable acyl-activating enzyme

## NCBI Accession #

NP\_197141.1

## NCBI GI #

15237335

## NCBI GenBank Nucleotide #

NM\_121642.3

## NCBI GeneID

831498

## NCBI Official Full Name

acyl activating enzyme 5

## NCBI Official Symbol

AAE5

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**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

# Probable acyl-activating enzyme 5, peroxisomal (AAE5), Recombinant Protein

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## NCBI Official Synonym Symbols

acyl activating enzyme 5; MQK4.9; MQK4\_9

## NCBI Protein Information

acyl activating enzyme 5

## UniProt Gene Name

AAE5

## UniProt Synonym Gene Names

AMPBP5; AtAMPBP5

## UniProt Protein Name

Probable acyl-activating enzyme 5, peroxisomal

## UniProt Synonym Protein Names

AMP-binding protein 5; AtAMPBP5

## UniProt Primary Accession #

Q9FFE6

## UniProt Related Accession #

Q9FFE6

## UniProt Comments

May act as an acid--thiol ligase that activates carboxylic acids by forming acyl-CoAs.

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