

Probable acyl-activating enzyme 8 (AAE8), Recombinant Protein

Cat RP01306

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant Arabidopsis thaliana Probable acyl-activating enzyme 8 (AAE8) , partial

Product Gene Name

AAE8 recombinant protein

Product Synonym Gene Name

AAE8

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

59,711 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_177724.1

NCBI GI

15222924

NCBI GenBank Nucleotide

NM_106246.4

NCBI GeneID

843929

NCBI Official Full Name

AMP-dependent synthetase and ligase family protein

NCBI Official Symbol

AT1G75960

NCBI Official Synonym Symbols

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Probable acyl-activating enzyme 8 (AAE8), Recombinant Protein

Cat RP01306

T4O12.18; T4O12_18

NCBI Protein Information

AMP-dependent synthetase and ligase family protein

UniProt Gene Name

AAE8

UniProt Synonym Gene Names

AMPBP8; AtAMPBP8

UniProt Protein Name

Probable acyl-activating enzyme 8

UniProt Synonym Protein Names

AMP-binding protein 8; AtAMPBP8

UniProt Primary Accession

Q9LQS1

UniProt Secondary Accession

Q8LRT4

UniProt Related Accession

Q9LQS1

UniProt Comments

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

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY