

Probable aminotransferase ACS10 (ACS10), Recombinant Protein

Cat *RP05270*

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* Probable aminotransferase ACS10 (ACS10) , partial

Product Gene Name

ACS10 recombinant protein

Product Synonym Gene Name

ACS10

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

61,016 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 aminotransferase

NCBI Accession

NP_564804.1

NCBI GI

18407701

NCBI GenBank Nucleotide

NM_104974.4

NCBI GeneID

842598

NCBI Official Full Name

ACC synthase 10

NCBI Official Symbol

ACS10

NCBI Official Synonym Symbols

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Probable aminotransferase ACS10 (ACS10), Recombinant Protein

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ACC synthase 10; F16P17.11; F16P17_11

NCBI Protein Information

ACC synthase 10

NCBI Summary

Encodes an aminotransferase with broad specificity for aspartate and aromatic amino acids such as tyrosine and phenylalanine. It does not act on branched chain amino acids and does not have ACC synthase activity.

UniProt Gene Name

ACS10

UniProt Protein Name

Probable aminotransferase ACS10

UniProt Primary Accession

Q9LQ10

UniProt Related Accession

Q9LQ10

UniProt Comments

Probable aminotransferase. Does not have 1-aminocyclopropane-1-carboxylate synthase (ACS) activity, suggesting that it is not involved in ethylene biosynthesis.

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