

Long chain acyl-CoA synthetase 8 (LACS8), Recombinant Protein

Cat RP05478

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant Arabidopsis thaliana Long chain acyl-CoA synthetase 8 (LACS8) , partial

Product Gene Name

LACS8 recombinant protein

Product Synonym Gene Name

LACS8

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

78,343 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

Long chain acyl-CoA synthetase

NCBI Accession

NP_178516.1

NCBI GI

15228136

NCBI GenBank Nucleotide

NM_126468.4

NCBI GeneID

814974

NCBI Official Full Name

AMP-dependent synthetase and ligase family protein

NCBI Official Symbol

LACS8

NCBI Official Synonym Symbols

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Long chain acyl-CoA synthetase 8 (LACS8), Recombinant Protein

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long-chain acyl-CoA synthetase 8; T23O15.3; T23O15_3

NCBI Protein Information

AMP-dependent synthetase and ligase family protein

UniProt Gene Name

LACS8

UniProt Protein Name

Long chain acyl-CoA synthetase 8

UniProt Primary Accession

Q9SJD4

UniProt Secondary Accession

Q940V0

UniProt Related Accession

Q9SJD4

UniProt Comments

Activation of long-chain fatty acids for both synthesis of cellular lipids, and degradation via beta-oxidation. Preferentially uses palmitate, palmitoleate, oleate and linoleate.

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