

# Long chain acyl-CoA synthetase 4 (LACS4), Recombinant Protein

Cat      RP05476

---

## Species

Arabidopsis thaliana (Mouse-ear cress)

## Full Product Name

Recombinant Arabidopsis thaliana Long chain acyl-CoA synthetase 4 (LACS4) , partial

## Product Gene Name

LACS4 recombinant protein

## Product Synonym Gene Name

LACS4

## 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

74,508 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\_194116.1

## NCBI GI #

15236634

## NCBI GenBank Nucleotide #

NM\_118516.5

## NCBI GeneID

828484

## NCBI Official Full Name

AMP-dependent synthetase and ligase family protein

## NCBI Official Symbol

LACS4

## NCBI Official Synonym Symbols

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

# Long chain acyl-CoA synthetase 4 (LACS4), Recombinant Protein

Cat      *RP05476*

---

long-chain acyl-CoA synthetase 4; T32A16.20; T32A16\_20

## NCBI Protein Information

AMP-dependent synthetase and ligase family protein

## UniProt Gene Name

LACS4

## UniProt Protein Name

Long chain acyl-CoA synthetase 4

## UniProt Primary Accession #

Q9T0A0

## UniProt Related Accession #

Q9T0A0

## 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.

---

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**