

Acyl carrier protein 2, chloroplastic (ACL1.2), Recombinant Protein

Cat RP19915

Size 0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1 mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

Species^{Cell}

Spinacia oleracea (Spinach)

Full Product Name

Recombinant Spinacia oleracea Acyl carrier protein 2, chloroplastic (ACL1.2)

Product Gene Name

ACL1.2 recombinant protein

Purity

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

Sequence

AAKPEMVTKV SDIVKSQLAL AEDAKVTGET KFSEIGADSL DTVEIVMKLE EEFGVTVEEE NAQTITTIQE
AADMIEALQQ NK

Sequence Positions

49-130, Full length protein

Format

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

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

14,098 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.

NCBI Accession

P23235.1

NCBI GI

113170

NCBI Official Full Name

Acyl carrier protein 2, chloroplastic

UniProt Gene Name

ACL1.2

UniProt Synonym Gene Names

ACP II

UniProt Protein Name

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Acyl carrier protein 2, chloroplastic

UniProt Synonym Protein Names

Acyl carrier protein II; ACP II

UniProt Primary Accession

P23235

UniProt Comments

Carrier of the growing fatty acid chain in fatty acid biosynthesis.

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