

4-coumarate--CoA ligase-like 6 (4CLL6), Recombinant Protein

Cat RP05153

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant Arabidopsis thaliana 4-coumarate--CoA ligase-like 6 (4CLL6) , partial

Product Gene Name

4CLL6 recombinant protein

Product Synonym Gene Name

4CLL6

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

61,957 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

NP_193636.1

NCBI GI

15234087

NCBI GenBank Nucleotide

NM_118019.3

NCBI GeneID

827639

NCBI Official Full Name

AMP-dependent synthetase and ligase family protein

NCBI Official Symbol

AT4G19010

NCBI Official Synonym Symbols

F13C5.180; F13C5_180

NCBI Protein Information

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

4-coumarate--CoA ligase-like 6 (4CLL6), Recombinant Protein

Cat *RP05153*

AMP-dependent synthetase and ligase family protein

NCBI Summary

Encodes for a 4-coumarate-CoA ligase involved in the biosynthesis of the benzenoid ring of ubiquinone from phenylalanine.

UniProt Gene Name

4CLL6

UniProt Synonym Gene Names

At4CL7

UniProt Protein Name

4-coumarate--CoA ligase-like 6

UniProt Synonym Protein Names

4-coumarate--CoA ligase isoform 7; At4CL7

UniProt Primary Accession

Q84P24

UniProt Secondary Accession

O49414; Q8GYV8

UniProt Related Accession

Q84P24

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