

Acyl-CoA-binding domain-containing protein 5 (ACBP5), Recombinant Protein

Cat *RP05173*

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* Acyl-CoA-binding domain-containing protein 5 (ACBP5) , partial

Product Gene Name

ACBP5 recombinant protein

Product Synonym Gene Name

ACBP5

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

71,009 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_198115.2

NCBI GI

22327105

NCBI GenBank Nucleotide

NM_122645.5

NCBI GenelD

832825

NCBI Official Full Name

acyl-CoA binding protein 5

NCBI Official Symbol

ACBP5

NCBI Official Synonym Symbols

acyl-CoA binding protein 5; AtACBP5; F15A18.90; F15A18_90

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Acyl-CoA-binding domain-containing protein 5 (ACBP5), Recombinant Protein

Cat *RP05173*

NCBI Protein Information

acyl-CoA binding protein 5

NCBI Summary

Acyl-CoA binding protein with high affinity for oleoyl-CoA. Expressed in all plant organs. Involved in fatty acid transport.

UniProt Gene Name

ACBP5

UniProt Synonym Gene Names

Acyl-CoA binding protein 5

UniProt Protein Name

Acyl-CoA-binding domain-containing protein 5

UniProt Primary Accession

Q8RWD9

UniProt Related Accession

Q8RWD9

UniProt Comments

Binds medium- and long-chain acyl-CoA esters with very high affinity. Can interact in vitro with oleoyl-CoA, barely with palmitoyl-CoA, but not with arachidonyl-CoA. May function as an intracellular carrier of acyl-CoA esters .

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