

# 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 GenelID

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 .

---

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**