

# Defensin-like protein 124 (LCR16), Recombinant Protein

Cat      *RP05450*

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

Species (Mammalian-Cell)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg  
(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-  
Arabidopsis thaliana (Mouse-ear cress)  
Cell)

## Full Product Name

Recombinant Arabidopsis thaliana Defensin-like protein 124 (LCR16)

## Product Gene Name

LCR16 recombinant protein

## Purity

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

## Sequence

ANCVNYFEIT FPEVCEANWC AAELCKAYKN GKGTCWQKFC QCVYDC

## Sequence Positions

26-71, 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

7,957 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.

## Protein Family

Defensin-like protein

## NCBI Accession #

NP\_001031162.1

## NCBI GI #

79319604

## NCBI GenBank Nucleotide #

NM\_001036085.2

## NCBI GeneID

3767415

## NCBI Official Full Name

low-molecular-weight cysteine-rich 16

## NCBI Official Symbol

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

# Defensin-like protein 124 (LCR16), Recombinant Protein

Cat      *RP05450*

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

LCR16      (Mammalian-Cell)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg  
(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-  
Cell)

## NCBI Official Synonym Symbols

low-molecular-weight cysteine-rich 16

## NCBI Protein Information

low-molecular-weight cysteine-rich 16

## NCBI Summary

Encodes a member of a family of small, secreted, cysteine rich protein with sequence similarity to the PCP (pollen coat protein) gene family.

## UniProt Gene Name

LCR16

## UniProt Synonym Gene Names

Protein LCR16

## UniProt Protein Name

Defensin-like protein 124

## UniProt Synonym Protein Names

Low-molecular-weight cysteine-rich protein 16; Protein LCR16

## UniProt Primary Accession #

P82731

## UniProt Secondary Accession #

A0MJV4

## UniProt Related Accession #

P82731

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