

Defensin-like protein 97 (LCR85), Recombinant Protein

Cat RP05050

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

(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 97 (LCR85)

Product Gene Name

LCR85 recombinant protein

Purity

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

Sequence

RRVCDSAAGL CSMLFSCNTQ CNSLGRNFTG GECSDFRFPGLSVCYCCHNV ESSAEMESM

Sequence Positions

28-86, 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

9,086 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_567652.1

NCBI GI

18415866

NCBI GenBank Nucleotide

NM_118343.2

NCBI GeneID

828312

NCBI Official Full Name

low-molecular-weight cysteine-rich 85

NCBI Official Symbol

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Defensin-like protein 97 (LCR85), Recombinant Protein

Cat *RP05050*

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

LCR85 (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 85; T10I14.12

NCBI Protein Information

low-molecular-weight cysteine-rich 85

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

LCR85

UniProt Synonym Gene Names

Protein LCR85

UniProt Protein Name

Defensin-like protein 97

UniProt Synonym Protein Names

Low-molecular-weight cysteine-rich protein 85; Protein LCR85

UniProt Primary Accession

P82794

UniProt Secondary Accession

O49626; Q1PE59

UniProt Related Accession

P82794

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