

Defensin-like protein 147 (LCR1), Recombinant Protein

Cat RP02084

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 147 (LCR1)

Product Gene Name

LCR1 recombinant protein

Purity

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

Sequence

NVQQKRSNRC IDFPVNPKTG LCVLKDCESV CKKTSKGLEG ICWKFNAGK DPKQCKCCGL WPLY

Sequence Positions

25-89, 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

10,016 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_001032034.1

NCBI GI

79330195

NCBI GenBank Nucleotide

NM_001036957.2

NCBI GeneID

3771464

NCBI Official Full Name

low-molecular-weight cysteine-rich 1

NCBI Official Symbol

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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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

LCR1 (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 1

NCBI Protein Information

low-molecular-weight cysteine-rich 1

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

LCR1

UniProt Synonym Gene Names

Protein LCR1

UniProt Protein Name

Defensin-like protein 147

UniProt Synonym Protein Names

Low-molecular-weight cysteine-rich protein 1; Protein LCR1

UniProt Primary Accession

P82716

UniProt Related Accession

P82716

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