

Defensin-like protein 51 (LCR48), Recombinant Protein

Cat *RP05477*

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 51 (LCR48)

Product Gene Name

LCR48 recombinant protein

Purity

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

Sequence

SEIKAKINGL ECFNTCTSYY DDHKCNVDCL SSGYPAGECY TVSPSQPKKC CCY

Sequence Positions

28-80, 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

8,718 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_001030830.1

NCBI GI

79314608

NCBI GenBank Nucleotide

NM_001035753.3

NCBI GeneID

3769681

NCBI Official Full Name

low-molecular-weight cysteine-rich 48

NCBI Official Symbol

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Defensin-like protein 51 (LCR48), Recombinant Protein

Cat *RP05477*

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

LCR48 (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 48

NCBI Protein Information

low-molecular-weight cysteine-rich 48

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

LCR48

UniProt Synonym Gene Names

Protein LCR48

UniProt Protein Name

Defensin-like protein 51

UniProt Synonym Protein Names

Low-molecular-weight cysteine-rich protein 48; Protein LCR48

UniProt Primary Accession

P82763

UniProt Secondary Accession

A0MJW7; A7REH1

UniProt Related Accession

P82763

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY