

# Defensin-like protein 245 (SCRL4), Recombinant Protein

Cat      *RP05462*

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 245 (SCRL4)

## Product Gene Name

SCRL4 recombinant protein

## Purity

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

## Sequence

EESSMNIDAQ RRPWCPSKKQ VFGGSCGNDG AQQCLNLLS TWDPVRLSP VSCNCTPQPN NNILCSCPNI  
ICP

## Sequence Positions

25-97, 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

10,528 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\_001031213.1

## NCBI GI #

79320356

## NCBI GenBank Nucleotide #

NM\_001036136.2

## NCBI GeneID

3767592

## NCBI Official Full Name

SCR-like 4

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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Cat      *RP05462*

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-  
Cell)

## NCBI Official Symbol

SCRL4

## NCBI Official Synonym Symbols

SCR-like 4

## NCBI Protein Information

SCR-like 4

## NCBI Summary

Encodes a member of a family of small, secreted, cysteine rich proteins with sequence similarity to SCR (S locus cysteine-rich protein).

## UniProt Gene Name

SCRL4

## UniProt Synonym Gene Names

Protein SCRL4; SCR-like protein 4

## UniProt Protein Name

Defensin-like protein 245

## UniProt Synonym Protein Names

S locus cysteine-rich-like protein 4; Protein SCRL4; SCR-like protein 4

## UniProt Primary Accession #

P82623

## UniProt Secondary Accession #

A0MJS7; A7RED2

## UniProt Related Accession #

P82623

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