

AR31136PU-L**Dermcidin, DCD-1L****Alternate names:**

AIDD, DSEP, Preproteolysin

Quantity:

1.0 mg

Background:

Dermcidin-1L (DCD-1L) is a 48-amino acid antimicrobial peptide (AMP) with a Leu residue on the C-terminus. It is expressed in eccrine sweat glands, secreted into sweat, and transported to the epidermal surface. Unlike most AMPs, which are cationic, DCD has a net negative charge.

Uniprot ID:[P81605](#)**NCBI:**[NP_444513.1](#)**GeneID:**[117159](#)**Source:**

0.1 mg (weight of lyophilised powder)

Format:**State:** Purified peptide**Purity:** >95% by HPLC, Reverse phase high performance liquid chromatography analysis, Electrospray ionisation mass spectrometry analysis.**Description:**

Dermcidin, DCD-1L

AA Sequence:NH₂-SSLLEKGLDGAKKAVGGLGKLGKDAVEDLESVKGKAVHDVKDVLDSVL-OH (1-Letter code).**Molecular weight:** 4818.5 Da**Storage:**

Upon receipt, store undiluted (in aliquots) at -20°C.

Avoid repeated freezing and thawing.

Shelf life: One year from despatch.