

Product datasheet for **AR31136PU-N**

Dermcidin, DCD-1L Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Dermcidin, DCD-1L protein, 0.5 mg
Species:	Human
Expression cDNA Clone or AA Sequence:	SSLLEKGLDG AKKAVGGLGK LGKDAVEDLE SVGKGAHVHDV KDVLDL SVL (1-Letter code).
Predicted MW:	4818.5 Da
Purity:	>95% by HPLC, Reverse phase high performance liquid chromatography analysis, Electrospray ionisation mass spectrometry analysis.
Buffer:	State: Purified peptide
Preparation:	Purified peptide
Protein Description:	Dermcidin, DCD-1L
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
RefSeq:	NP_001287783
Locus ID:	117159
UniProt ID:	P81605
Cytogenetics:	12q13.2
Synonyms:	AIDD; DCD-1; DSEP; HCAP; PIF
Summary:	This antimicrobial gene encodes a secreted protein that is subsequently processed into mature peptides of distinct biological activities. The C-terminal peptide is constitutively expressed in sweat and has antibacterial and antifungal activities. The N-terminal peptide, also known as diffusible survival evasion peptide, promotes neural cell survival under conditions of severe oxidative stress. A glycosylated form of the N-terminal peptide may be associated with cachexia (muscle wasting) in cancer patients. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Oct 2014]
Protein Families:	Secreted Protein



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