Product datasheet for RC209352L1V

Dermcidin (DCD) (NM_053283) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Dermcidin (DCD) (NM_053283) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Dermcidin
Synonyms:	AIDD; DCD-1; DSEP; HCAP; PIF
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_053283
ORF Size:	330 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209352).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_053283.1
RefSeq Size:	645 bp
RefSeq ORF:	333 bp
Locus ID:	117159
UniProt ID:	P81605
Cytogenetics:	12q13.2
Protein Families:	Secreted Protein
MW:	11.3 kDa

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Gene 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]