

DCD 抗原（重组蛋白）

中文名称： DCD 抗原（重组蛋白）

英文名称： DCD Antigen (Recombinant Protein)

别名： dermcidin; PIF; AIDD; DSEP; HCAP; DCD-1

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 20-109 amino acids of human DCD

技术规格

Full name:	dermcidin
Synonyms:	PIF; AIDD; DSEP; HCAP; DCD-1
Swissprot:	P81605
Gene Accession:	BC062682
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	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.