

Recombinant Human DCD Protein (Cys18-Leu110), His tagged

Cat. No. DCD-1739H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human DCD (Cys18-Leu110) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Cys18-Leu110
Description	Hepatocellular carcinoma (HCC) is a major contributor to cancer-related deaths due to its often late stage diagnosis, and dermcidin (DCD) may have the potential to be used as a serum biomarker for HCC for more timely diagnoses. Human dermcidin (DCD) is an antimicrobial peptide secreted constitutively by sweat glands. And the role of DCD in ischemic heart disease has drawn increasing attention in particular its relationship with insulin secretion and glycemic control, nitric oxide (NO) synthesis and hypertension, platelet aggregation and acute myocardial infarction (AMI).
Form	Lyophilized powder/frozen liquid
Molecular Mass	11.73 kDa
Purity	>90% as determined by SDS-PAGE
Notes	For research use only.

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Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.
GENE INFORMATION	
Gene Name	DCD dermcidin [Homo sapiens (human)]
Official Symbol	DCD
Synonyms	DCD; dermcidin; AIDD; DCD 1; diffusible survival/evasion peptide; DSEP; HCAP; PIF; preproteolysin; proteolysis inducing factor; survival promoting peptide; DCD-1; MGC71930;
Gene ID	117159
mRNA Refseq	NM_053283
Protein Refseq	NP_444513
MIM	606634
UniProt ID	P81605

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