

Recombinant Human DCD Protein, His-tagged, OVA Conjugated

Cat. No. DCD-2799H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	OVA Conjugated Recombinant Human DCD Protein (Lys96-Leu110) fused with a N-His tag.
Species	Human
Source	Protein Conjugation
ProteinLength	Lys96-Leu110
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 15 kDa
Purity	> 90%

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Applications	Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.
Conjugation	OVA

GENE INFORMATION

Gene Name	DCD dermcidin [Homo sapiens]
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

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MIM	606634
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UniProt ID	P81605
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