

Recombinant Human DCD

Catalog No: #GP12885



Package Size: #GP12885-1 100ug

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Description

Product Name	Recombinant Human DCD
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 20-109 amino acids of human DCD
Target Name	dermcidin
Other Names	PIF; AIDD; DSEP; HCAP; DCD-1
Accession No.	Swissprot:P81605Gene Accession:BC062682
Uniprot	P81605
GeneID	117159;
Storage	-20~-80°C, pH 7.6 PBS

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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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