

Recombinant Human Dermcidin(DCD)

Catalog No: #AP70227

Package Size: #AP70227-1 20ug #AP70227-2 100ug #AP70227-3 1mg

Description

Product Name	Recombinant Human Dermcidin(DCD)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:20-110aaSequence Info:Full Length
Other Names	Preproteolysin
Accession No.	P81605
Calculated MW	36.3 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	YDPEAASAPGSGNPCHEASAAQKENAGEDPGLARQAPKPRKQRSSLLEKGLDGAKKAVGGLGKLGKDAVED LESVGKGAVHDVKDVLDSVL
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

DCD-1 displays antimicrobial activity thereby limiting skin infection by potential pathogens in the first few hours after bacterial colonization. Highly effective against E.coli, E.faecalis, S.aureus and C.albicans. Optimal pH and salt concentration resble the conditions in sweat. Also exhibits proteolytic activity.Survival-promoting peptide promotes survival of neurons and displays phosphatase activity. It may bind IgG.

References

An enzyme assisted RP-RPLC approach for in-depth analysis of human liver phosphoproteome.Bian Y., Song C., Cheng K., Dong M., Wang F., Huang J., Sun D., Wang L., Ye M., Zou H.J. Proteomics 96:253-262(2014) Research Topic:Signal Transduction

Note: This product is for in vitro research use only and is not intended for use in humans or animals.