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Datasheet for ABIN5709387

Dermcidin Protein (DCD) (AA 20-110) (GST tag)

1 Image

Overview

Quantity:	100 µg
Target:	Dermcidin (DCD)
Protein Characteristics:	AA 20-110
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Dermcidin protein is labelled with GST tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	YDPEAASAPG SGNPCHEASA AQKENAGEDP GLARQAPKPR KQRSSLLEKG LDGAKKAVGG LGKLGKDAVE DLESVKGKAV HDVKDVLDSV L
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	Dermcidin (DCD)
Alternative Name:	DCD (DCD Products)
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

Target Details

exhibits proteolytic activity. Survival-promoting peptide promotes survival of neurons and displays phosphatase activity. It may bind IgG.

Molecular Weight: 36.7 kDa

UniProt: [P81605](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

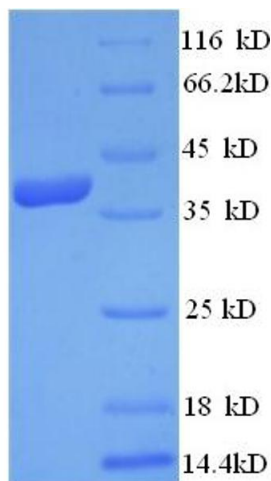
Concentration: 0.1-2 mg/mL

Buffer: 20 mM Tris-HCl based buffer, pH 8.0

Storage: -80 °C, 4 °C, -20 °C

Storage Comment: Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Images



SDS-PAGE

Image 1.