





Recombinant Human Dermcidin (DCD)

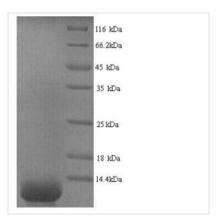
Product Code CSB-YP006537HU Relevance DCD-1 displays antimicrobial activity thereby limiting skin infection by potential pathogens in the first few hours after bacterial colonization. Highly effective against E.coli, E.faecalis, S.aureus and C.albicans. Optimal pH and salt concentration resble the conditions in sweat. Also exhibits proteolytic activity. Survival-promoting peptide promotes survival of neurons and displays phosphatase activity. It may bind IgG. Abbreviation Recombinant Human DCD protein 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. Uniprot No. P81605 Alias Preproteolysin Product Type Recombinant Protein Immunogen Species Homo sapiens (Human) Purity Greater than 90% as determined by SDS-PAGE. Sequence YDPEAASAPGSONPCHEASAACKENAGEDPGLARQAPKPRKQRSSLLEKGL DGAKKAVGGLGKLGKDAVEDLESVGKGAVHDVKDVLDSVL Research Area Signal Transduction Source Yeast Target Names DCD Protein Names Recommended name: Dermcidin EC= 3.4,Alternative name(s): PreproteolysinCleaved into the following 2 chains: 1. Survival-promoting peptide 2. DCD-1 E		
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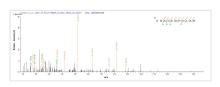
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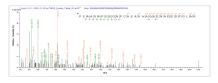




(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of Yeast host and target protein, the LC-MS/MS Analysis result of CSB-YP006537HU could indicate that this peptide derived from Yeast-expressed Homo sapiens (Human) DCD.



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Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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