

# Human Dermcidin / DCD (Fc Tag) recombinant protein



Catalog Number: 501377

## General Information

### Gene Name Synonym

Preproteolysin; Survival-promoting peptide; DCD-1

### Protein Construction

A DNA sequence encoding the human DCD (NP\_444513.1) (Ser63-Val109) was expressed with the Fc region of human IgG1 at the N-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> (51.4+47.4) % as determined by SDS-PAGE.

### Endotoxin

<1.0 EU per  $\mu$ g protein as determined by the LAL method.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Glu

### Molecular Mass

The recombinant human DCD consists 307 amino acids and predicts a molecular mass of 33.1 kDa.

### Formulation

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

### Storage

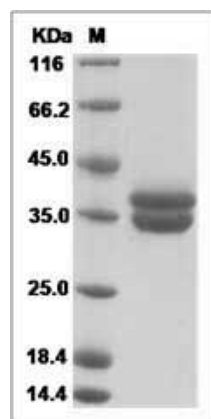
Store it under sterile conditions at -20°C to -80°C.

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



DCD protein SDS-PAGE