

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 μg 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

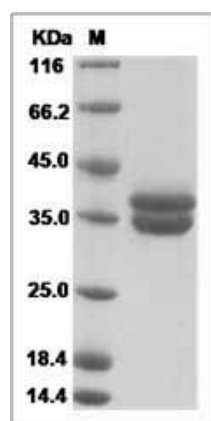
Store it under sterile conditions at -20°C to -80°C .

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