

General Information

Gene Name Synonym

Cadherin family member 2; Desmocollin-3; Desmosomal glycoprotein II; Desmosomal glycoprotein III

Protein Construction

A DNA sequence encoding the extracellular domain (Met 1-Arg 684) of human DSC2 (Q02487-1) was expressed, with a C-terminal polyhistidine tag.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 75 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the 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

Ala 28 & Arg 136

Molecular Mass

The secreted recombinant human DSC2 (pro form)

consists of 668 amino acids and predicts a molecular mass of 75 kDa. As a result of glycosylation, the apparent molecular mass of rhDSC2 is approximately 85 and 100 kDa in SDS-PAGE under reducing conditions, corresponding to the mature and pro form respectively.

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

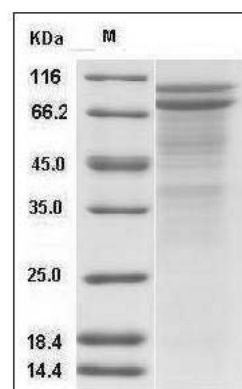
Store it under sterile conditions at -20°C to -80°C .

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



Human DSC2 / Desmocollin-2 Protein (His Tag)
SDS-PAGE