

General Information

Protein Construction

A DNA sequence encoding the rat DSC2 (Q3T1K6) (Met1-Pro694) was expressed with a polyhistidine tag at the C-terminus.

Organism

Rat

Expression Host

Human Cells

QC Testing

Purity

(41 %±45) % 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

Cys 29

Molecular Mass

The recombinant rat DSC2 comprises 677 amino acids and predicts a molecular mass of 76.1 kDa. The apparent molecular mass of the recombinant protein is approximately 76 and 91 kDa in SDS-

PAGE under reducing conditions due to glycosylation.

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

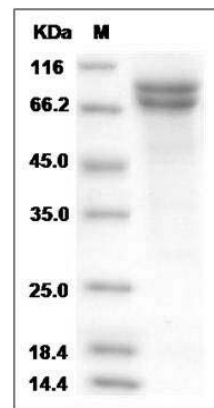
Store it under sterile conditions at -20°C to -80°C.

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



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