

# Human Syndecan-1/SDC1/CD138 (His Tag) recombinant protein



Catalog Number: 502178

## General Information

### Protein Construction

A DNA sequence encoding the human SDC1 (NP\_002988.3) extracellular domain (Met 1-Glu 251) was expressed, with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 92 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Gln 18

### Molecular Mass

The recombinant human SDC1 consists of 245 amino acids and predicts a molecular mass of 25.6 kDa. In SDS-PAGE under reducing

conditions, the apparent molecular mass of rh SDC1 is approximately 48-55 kDa 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

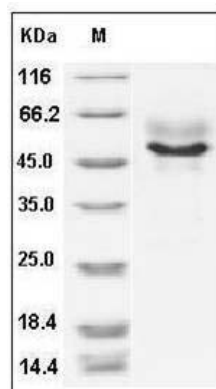
Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ .

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 Syndecan-1 / SDC1 / CD138 Protein (His Tag) SDS-PAGE