

## General Information

### Protein Construction

A DNA sequence encoding the human SORCS1 (Q8WY21-1) extracellular domain (Ser 111-Ser 1099) was fused with a polyhistidine tag at the C-terminus and a signal peptide at the N-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

Ser 111

### Molecular Mass

The recombinant human SORCS1 consists of 1000 amino acids and predicts a molecular mass of

113 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhSORCS1 is approximately 130 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

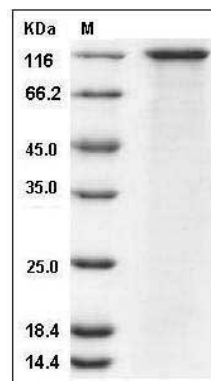
Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ .

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 SorCS1 Protein (His Tag) SDS-PAGE