

## General Information

### Gene Name Synonym

Solute carrier family 3 member 2

### Protein Construction

A DNA sequence encoding the rat SLC3A2 (Q794F9) (Ala100-Ala527) was expressed with the Fc region of human IgG1 at the N-terminus.

### Organism

Rat

### Expression Host

Human Cells

## QC Testing

### Purity

> (75.5+21.3) % 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

Glu

### Molecular Mass

The recombinant rat SLC3A2 comprises 688 amino acids and has a predicted molecular mass of 75.8 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

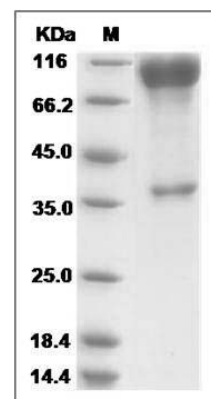
Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ .

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



Rat SLC3A2 / CD98 Protein (Fc Tag)