

# Mouse CD98/SLC3A2 (His Tag) recombinant protein



Catalog Number: 502492

## General Information

### Gene Name Synonym

Solute carrier family 3 member 2

### Protein Construction

A DNA sequence encoding the extracellular domain of mouse SLC3A2 (NP\_001154885.1) (Ala 139-Ala 565) was fused with a polyhistidine tag at the N-terminus.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Purity

> 98 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu$ 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°C

### Predicted N terminal

His

### Molecular Mass

The secreted recombinant mouse SLC3A2

comprises 446 amino acids and predicts a molecular mass of 49.2 kDa. As a result of glycosylation, the apparent molecular mass of mouse SLC3A2 is approximately 60-70 kDa in SDS-PAGE under reducing conditions.

### 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

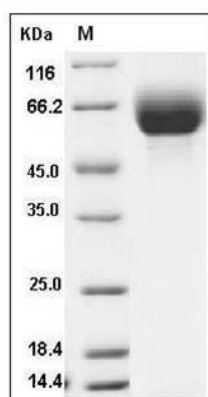
### Storage

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



Mouse SLC3A2 / CD98 Protein (His Tag) SDS-PAGE