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Datasheet for ABIN7538530

## SLC3A2 Protein (AA 100-526) (His tag)

### 1 Image

#### Overview

Quantity:	50 µg
Target:	SLC3A2
Protein Characteristics:	AA 100-526
Origin:	Mouse
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC3A2 protein is labelled with His tag.

#### Product Details

Purpose:	Recombinant mouse CD98 protein with N-terminal 10xHis tag
Specificity:	10xHis tag Mouse CD98 (Ala100-Ala526)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

#### Target Details

Target:	SLC3A2
Alternative Name:	CD98 ( <a href="#">SLC3A2 Products</a> )
Background:	Predicted to enable amino acid transmembrane transporter activity and double-stranded RNA

## Target Details

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binding activity. Predicted to be involved in carboxylic acid transport and viral entry into host cell. Predicted to act upstream of or within response to exogenous dsRNA. Located in apical pole of neuron. Is active in synapse. Is expressed in several structures, including alimentary system, brain, genitourinary system, hemolymphoid system gland, and spinal cord. Orthologous to human SLC3A2 (solute carrier family 3 member 2). [provided by Alliance of Genome Resources, Apr 2022]

Molecular Weight: predicted molecular mass of 48.9 kDa after removal of the signal peptide. The apparent molecular mass of His-mCD98 is 55-70 kDa due to glycosylation.

UniProt: [P10852](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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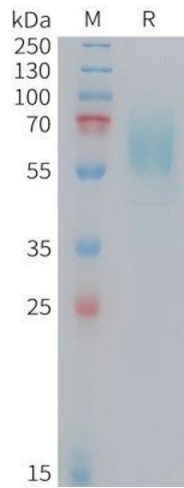
Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



### SDS-PAGE

**Image 1.** Mouse CD98 Protein, His Tag on SDS-PAGE under reducing condition.