

Recombinant Mouse Slc3a2 protein(Ala139-Ala565), His-tagged

Cat. No. Slc3a2-7031M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse SLC3A2 (NP_001154885.1) (Ala 139-Ala 565) was expressed in HEK293, fused with a polyhistidine tag at the N-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Ala139-Ala565
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 98 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. 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.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name Slc3a2 solute carrier family 3 (activators of dibasic and neutral amino acid transport), member 2 [*Mus musculus*]

Official Symbol Slc3a2

Synonyms SLC3A2; solute carrier family 3 (activators of dibasic and neutral amino acid transport), member 2; 4F2 cell-surface antigen heavy chain; CD98 antigen; CD98 heavy chain; type II transmembrane protein; antigen identified by monoclonal antibodies 4F2; 4F2; Cd98; Ly10; Mdu1; 4F2HC; Ly-10; NACAE; Ly-m10; Mgp-2hc; AI314110;

Gene ID 17254

mRNA Refseq NM_001161413

Protein Refseq NP_001154885

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