

Recombinant Rat SLC3A2 protein(Ala100-Ala527), hFc-tagged

Cat. No. SLC3A2-949R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat SLC3A2 (Q794F9) (Ala100-Ala527) was expressed in HEK293, with the Fc region of Human IgG1 at the N-terminus.
Species	Rat
Source	HEK293
ProteinLength	Ala100-Ala527
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 recombinant Rat SLC3A2 comprises 688 amino acids and has a predicted molecular mass of 75.8 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % 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.
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.

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GENE INFORMATION

Gene Name	Slc3a2 solute carrier family 3 (activators of dibasic and neutral amino acid transport), member 2 [Rattus norvegicus]
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; 4F2hc; solute carrier family 3, member 2; antigen identified by monoclonal antibodies 4F2; Mdu1;
Gene ID	50567
mRNA Refseq	NM_019283
Protein Refseq	NP_062156

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