

Recombinant Rat Slc3a2, His tagged

Cat. No. Slc3a2-8781R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Slc3a2 (Q794F9) (Ala100-Ala527), fused with a polyhistidine tag at the N-terminus, was produced in Human Cells.
Species	Rat
Source	Human Cells
ProteinLength	100-527 a.a.
Predicted N Terminal	His
Form	Lyophilized from sterile PBS, pH 7.4Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant rat SLC3A2 comprises 448 amino acids and has a predicted molecular mass of 49.7 kDa. The apparent molecular mass of the protein is approximately 58 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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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. 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 [*Rattus norvegicus*]

Official Symbol

Slc3a2

Gene ID

50567

mRNA Refseq

NM_019283

Protein Refseq

NP_062156

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