

Recombinant Rat SLC3A2 protein, His-tagged

Cat. No. SLC3A2-5538R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat SLC3A2 protein(Q794F9)(Ala100-Ala527), fused with His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Ala100-Ala527
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
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
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 [*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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