

Recombinant Human SLC3A2 protein(Arg206-Ala630), His-tagged, Biotinylated

Cat. No. SLC3A2-1057H Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human SLC3A2 (P08195-1) (Arg 206-Ala 630) was expressed in HEK293, with a polyhistidine tag at the N-terminus. The purified protein was biotinylated in vitro.
Species	Human
Source	HEK293
ProteinLength	Arg206-Ala630
Conjugation/Label	Biotin
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 human SLC3A2 consists of 444 amino acids and has a calculated molecular mass of 49.19 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhSLC3A2 is approximately 70.72 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg 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.

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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.

Conjugation

Biotin

GENE INFORMATION

Gene Name

SLC3A2 solute carrier family 3 (activators of dibasic and neutral amino acid transport), member 2 [Homo sapiens]

Official Symbol

SLC3A2

Synonyms

SLC3A2; solute carrier family 3 (activators of dibasic and neutral amino acid transport), member 2; MDU1; 4F2 cell-surface antigen heavy chain; 4F2; 4F2 cell surface antigen heavy chain; 4F2 heavy chain; 4F2HC; 4T2HC; antigen defined by monoclonal 4F2; antigen identified by monoclonal antibodies 4F2; TRA1.10; TROP4; and T43; CD98; CD98 heavy chain; CD98HC; heavy chain; lymphocyte activation antigen 4F2 large subunit; monoclonal 44D7; NACAE; antigen defined by monoclonal 4F2, heavy chain; antigen identified by monoclonal antibodies 4F2, TRA1.10, TROP4, and T43;

Gene ID

6520

mRNA Refseq

NM_001012662

Protein Refseq

NP_001012680

MIM

158070

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UniProt ID

P08195

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