Active Recombinant Human SLC7A11&SLC3A2 Full Length Transmembrane protein(VLPs)

Cat. No. SLC7A11&SLC3A2-987H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human SLC7A11&SLC3A2 Full Length Transmembrane protein(VLPs) is expressed from human 293 cells (HEK293). It contains AA Val 2 - Leu 501 (SLC7A11) & Glu 2- Ala 630 (SLC3A2) (Accession # Q9UPY5 (SLC7A11) & P08195 (SLC3A2)).
Species	Human
Source	HEK293
ProteinLength	Val 2 - Leu 501 (SLC7A11) & Glu 2- Ala 630 (SLC3A2)
Form	Supplied as 0.2 μm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Human SLC7A11&SLC3A2 Full Length Heterodimer Protein (VLP) at 5 μg/mL (100 μL/well) can bind Monoclonal Anti-Human SLC7A11 antibody, Human IgG1 with a linear range of 0.01-2.5 μg/mL.
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Storage	This product is stable after storage at: The product MUST be stored at -70°C or lower upon receipt; -70°C for 12 months under sterile conditions.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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	0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	SLC7A11 solute carrier family 7 (anionic amino acid transporter light chain, xc- system), member 11 [Homo sapiens]
Official Symbol	SLC7A11
Synonyms	SLC7A11; solute carrier family 7 (anionic amino acid transporter light chain, xc- system), member 11; cystine/glutamate transporter; xCT; amino acid transport system xc-; solute carrier family 7 member 11; calcium channel blocker resistance protein CCBR1; solute carrier family 7, (cationic amino acid transporter, y+ system) member 11; CCBR1;
Gene ID	23657
mRNA Refseq	NM_014331
Protein Refseq	NP_055146
MIM	607933
UniProt ID	Q9UPY5

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