

Active Recombinant Human SLC7A11 Full Length Transmembrane protein(Nanodisc)

Cat. No. SLC7A11-49567H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC7A11 Full Length Transmembrane protein(Q9UPY5), was expressed in HEK293.
Species	Human
Source	HEK293
Form	Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
Bio-activity	Elisa plates were pre-coated with Flag Tag SLC7A11-Nanodisc (0.2µg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with SLC7A11-Nanodisc is 4.101ng/ml.
Molecular Mass	The human full length SLC7A11 protein has a MW of 55.4 kDa.
Storage	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
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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Full Length
Full L.

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 CCB1; solute carrier family 7, (cationic amino acid transporter, y+ system) member 11; CCB1;

Gene ID

23657

mRNA Refseq

NM_014331

Protein Refseq

NP_055146

MIM

607933

UniProt ID

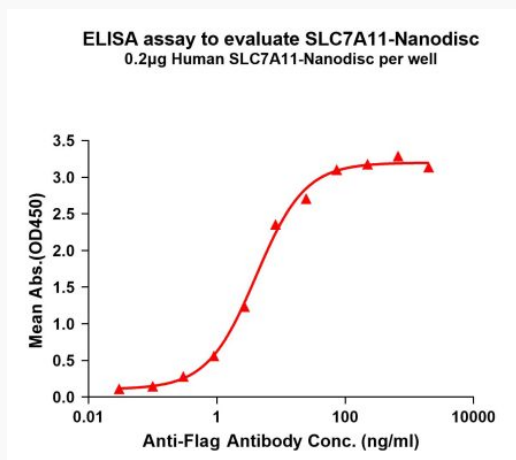
Q9UPY5

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Activity



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