Biotinylated Human SLC6A17 Protein-Nanodisc

Cat. No. SLC-HM17NB

Description

Source	Recombinant Biotinylated Human SLC6A17 Protein-Nanodisc is expressed from HEK293 with His tag at the C-terminus.
	It contains Met1-Leu727.
Accession	Q9H1V8
Molecular Weight	The protein has a predicted MW of 94.0 kDa.
Endotoxin	Less than 1 EU per μg by the LAL method.

Formulation and Storage

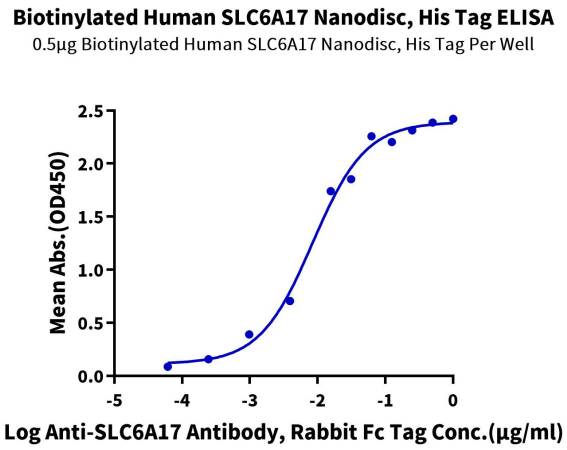
Formulation	Supplied as 0.22 μm filtered solution in PBS, 200mM L-arginine (pH 7.4). Notice: Not recommended for flow cytometry in mammalian cells.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

The vesicular B0AT3 transporter (SLC6A17), one of the members of the SLC6 family, is a transporter for neutral amino acids and is exclusively expressed in brain. SLC6A17 encodes a synaptic vesicular transporter of neutral amino acids and glutamate, and plays an important role in the regulation of glutamatergic synapses.

Assay Data

ELISA Data



Immobilized Biotinylated Human SLC6A17 Nanodisc, His Tag at 5μg/ml (100μl/well) on the streptavidin precoated plate(5μg/ml). Dose response curve for Anti-SLC6A17 Antibody, Rabbit Fc Tag with the EC50 of 8.4ng/ml determined by ELISA (QC Test).