

## HUMAN SLC1A5 FULL LENGTH PROTEIN

**Cat.#:** 11038

**Product Name:** Human SLC1A5 Full Length Protein

**Size:** 10 µg, 50 µg and 100 µg

**Synonyms:** AAAT; ASCT2; ATBO; M7V1; M7VS1; R16; RDRC

**Target:** SLC1A5

**UNIPROT ID:** Q15758

**Description:** Human SLC1A5 full length protein-synthetic nanodisc

**Background:** The SLC1A5 gene encodes a sodium-dependent neutral amino acid transporter that can act as a receptor for RD114/type D retrovirus (Larriba et al., 2001 [PubMed 11781704]). [supplied by OMIM, Jan 2011]

**Species/Host:** HEK293

**Molecular Weight:** The human full length SLC1A5 protein has a MW of 56.4 kDa

**Formulation & Reconstitution:** 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.

**Storage & Shipping:** 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.

ELISA assay to evaluate SLC1A5-Nanodisc  
0.2µg Human SLC1A5-Nanodisc per well

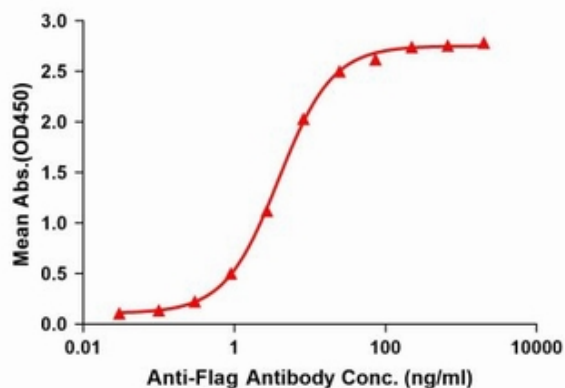


Figure1. Elisa plates were pre-coated with Flag Tag SLC1A5-Nanodisc (0.2 µg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with SLC1A5-Nanodisc is 3.850ng/ml.



Figure2. Human SLC1A5-Nanodisc, Flag Tag on SDS-PAGE