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.

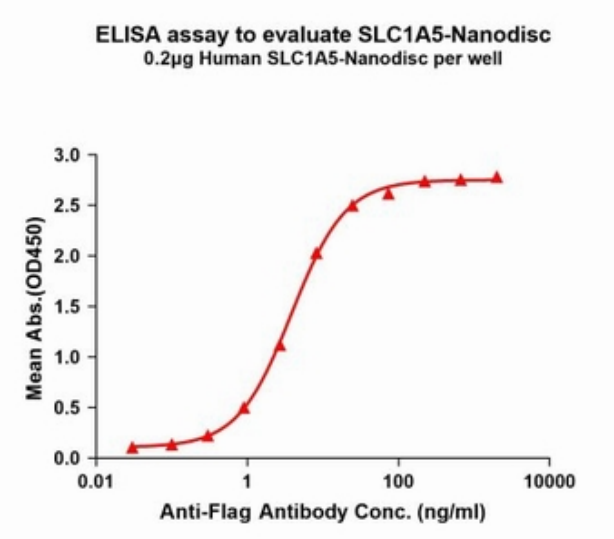

Figure1. Elisa plates were pre-coated with Flag Tag SLC1A5-Nanodisc (0.2 μg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with SLC1A5-Nanodisc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

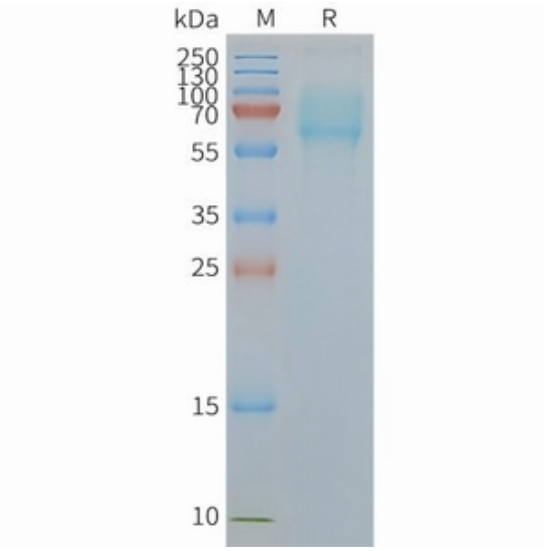

Figure2. Human SLC1A5-Nanodisc, Flag Tag on SDS-PAGE