HUMAN SLC2A12 FULL LENGTH PROTEIN

Cat.#: 11065
Product Name: Human SLC2A12 Full Length Protein
Size : 10 µg; 50 µg and 100 µg
Synonyms: GLUT8; GLUT12
Target: SLC2A12
UNIPROT ID: Q8TD20
Description: Human SLC2A12 Full Length Protein-Synthetic Nanodisc
Background: SLC2A12 belongs to a family of transporters that catalyze the uptake of sugars through facilitated diffusion. This family of transporters show conservation of 12 transmembrane helices as well as functionally significant amino acid residues.
Species/Host: HEK293
Molecular Weight: The human full length SLC2A12 protein has a MW of 67.0 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.
Protein Families: Transmembrane
Protein Pathways: N/A

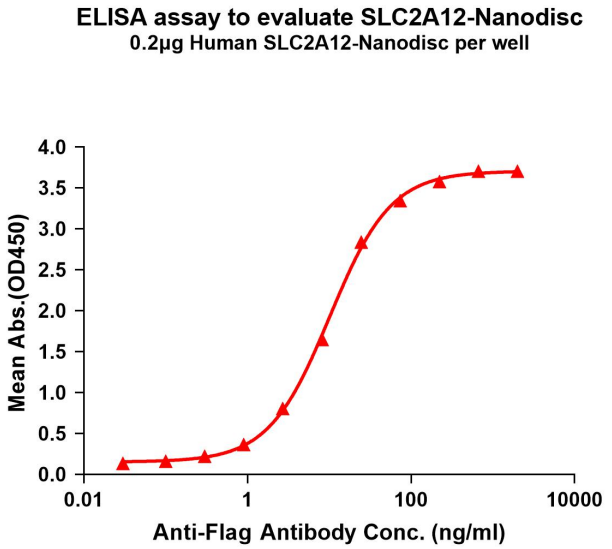

Figure 1. Elisa plates were pre-coated with Flag Tag SLC2A12-Nanodisc (0.2µg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with SLC2A12-Nanodisc is 10.17ng/ml.

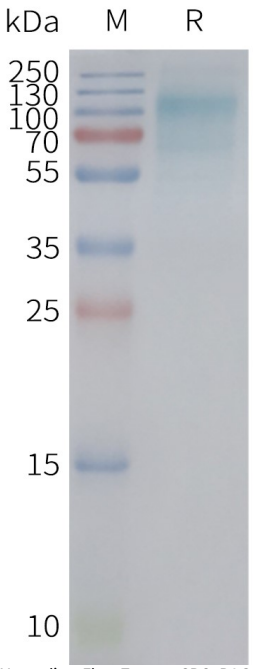

Figure 2. Human SLC2A12-Nanodisc, Flag Tag on SDS-PAGE