

HUMAN SLC2A4 FULL LENGTH PROTEIN

目录: 11045

产品名称: Human SLC2A4 Full Length Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: GLUT4

Target: SLC2A4

UNIPROT ID: P14672

描述: Human SLC2A4 full length protein-synthetic nanodisc

背景: This gene is a member of the solute carrier family 2 (facilitated glucose transporter) family and encodes a protein that functions as an insulin-regulated facilitative glucose transporter. In the absence of insulin, this integral membrane protein is sequestered within the cells of muscle and adipose tissue. Within minutes of insulin stimulation, the protein moves to the cell surface and begins to transport glucose across the cell membrane. Mutations in this gene have been associated with noninsulin-dependent diabetes mellitus (NIDDM). [provided by RefSeq, Jul 2008]

Species/Host: HEK293

Molecular Weight: The human full length SLC2A4 protein has a MW of 54.6 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.

储存和运输: 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 SLC2A4-Nanodisc
0.2µg Human SLC2A4-Nanodisc per well

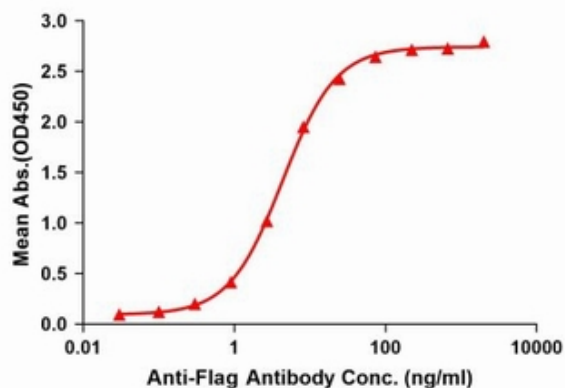


Figure1. Elisa plates were pre-coated with Flag Tag SLC2A4-Nanodisc (0.2 µg/per well). Serial diluted Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC₅₀ for Flag monoclonal antibody binding with SLC2A4-Nanodisc is 4.357ng/ml.



Figure2. Human SLC2A4-Nanodisc, Flag Tag on SDS-PAGE