

Active Recombinant Human SLC2A4 Full Length Transmembrane protein(Nanodisc)

Cat. No. SLC2A4-038H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC2A4 Full Length Transmembrane protein(P14672), was expressed in HEK293.
Species	Human
Source	HEK293
Form	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. Please see Certificate of Analysis for specific instructions.
Bio-activity	Elisa plates were pre-coated with Flag Tag SLC2A4-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 SLC2A4-Nanodisc is 4.357ng/ml.
Molecular Mass	The human full length SLC2A4 protein has a MW of 54.6 kDa.
Storage	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.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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Full Length
Full L.

GENE INFORMATION

Gene Name

SLC2A4 solute carrier family 2 (facilitated glucose transporter), member 4 [Homo sapiens]

Official Symbol

SLC2A4

Synonyms

SLC2A4; solute carrier family 2 (facilitated glucose transporter), member 4; GLUT4; solute carrier family 2, facilitated glucose transporter member 4; GLUT-4; insulin-responsive glucose transporter type 4; glucose transporter type 4, insulin-responsive;

Gene ID

6517

mRNA Refseq

NM_001042

Protein Refseq

NP_001033

MIM

138190

UniProt ID

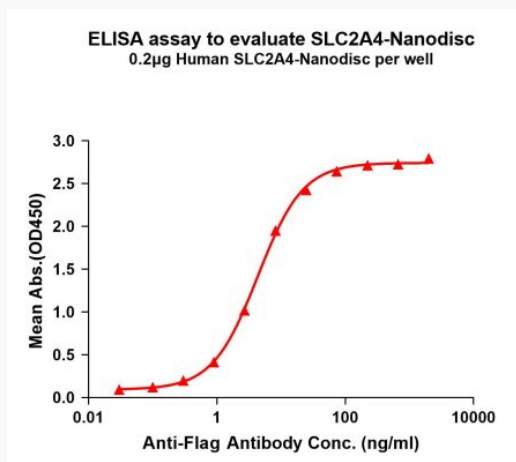
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Activity



SDS-PAGE

