

## Active Recombinant Human SLC2A4 Full Length Transmembrane protein(Nanodisc)

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SLC2A4 Full Length Transmembrane protein(P14672), was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Form</b>	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.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	The human full length SLC2A4 protein has a MW of 54.6 kDa.
<b>Storage</b>	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.
<b>Reconstitution</b>	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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**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

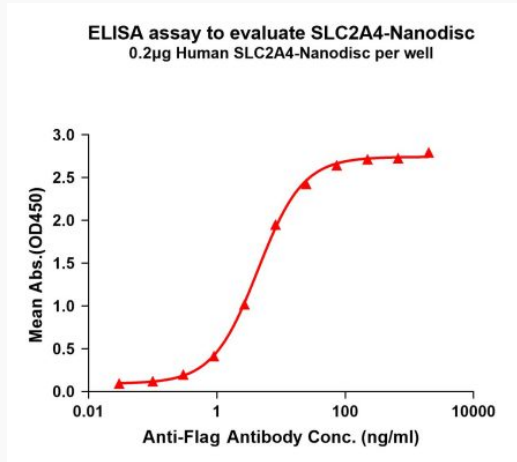
**UniProt ID** P14672

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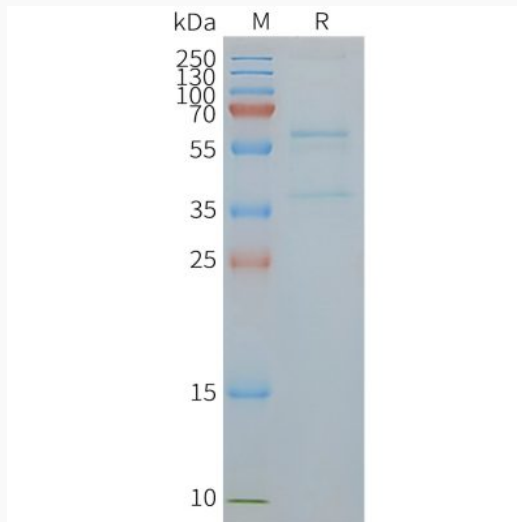
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**Activity**



**SDS-PAGE**



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