Human SLC2A4 full length protein-synthetic nanodisc

Cat. No. FLP100064

PRODUCT INFORMATION

Tag	**Warning**: Undefined variable $hasAttributeValueDescription in **/www/wwwroot/tech.dimabio.cn/wp-content/plugins/woocommerce-print-products/public/class-woocommerce-print-products-public.php** on line **2806** C-Flag Tag
Target	SLC2A4
Synonyms	GLUT4
Description	Human SLC2A4 full length protein-synthetic nanodisc
Delivery	3-4 weeks
Uniprot ID	P14672
Expression Host	HEK293
Protein Families	Druggable Genome, Transmembrane
Protein Pathways	Adipocytokine signaling pathway, Insulin signaling pathway, Type II diabetes mellitus
Molecular Weight	The human full length SLC2A4 protein has a MW of 54.6 kDa
Formulation & Reconstitution	
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.
Background	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]
Usage	Research use only
Conjugate	Unconjugated

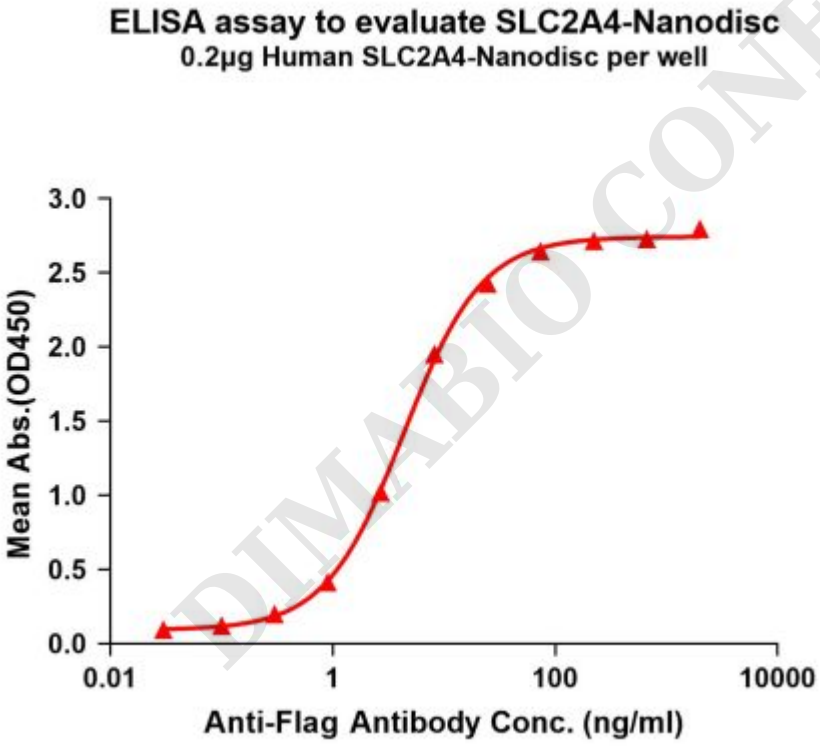


Figure1. Elisa plates were pre-coated with Flag Tag SLC2A4-Nanodisc (0.2μg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with SLC2A4-Nanodisc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

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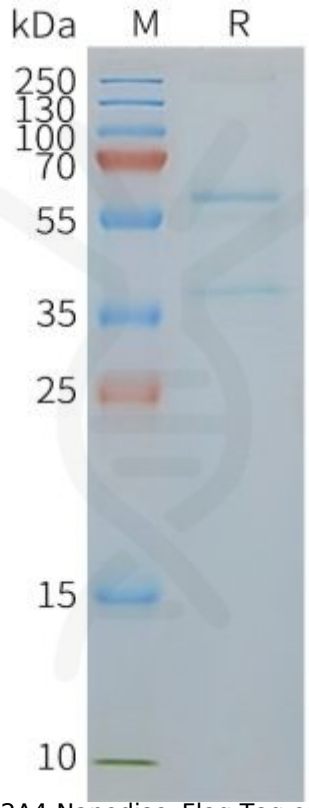


Figure2. Human SLC2A4-Nanodisc, Flag Tag on SDS-PAGE

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