Biotinylated Mouse IL10RA full length protein-synthetic nanodisc

Cat. No. FLP-M100500B

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**
Target	IL10RA
Synonyms	Il10r; CDw210; CDw210a; IL-10R1; IL-10RA; mIL-10R
Description	Biotinylated Mouse IL10RA full length protein-synthetic nanodisc
Delivery	In Stock
Uniprot ID	Q61727
Expression Host	HEK293
Protein Families	Transmembrane
Protein Pathways	
Molecular Weight	The mouse full length IL10RA Protein has a MW of 69.0 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. Please see Certificate of Analysis for
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	Predicted to enable interleukin-10 binding activity and interleukin-10 receptor activity. Predicted to be involved in several processes, including interleukin-10-mediated signaling pathway; intestinal epithelial structure maintenance; and ubiquitin-dependent endocytosis. Predicted to be located in cytosol. Predicted to be active in apical plasma membrane. Human ortholog(s) of this gene implicated in inflammatory bowel disease 28. Orthologous to human IL10RA (interleukin 10 receptor subunit alpha). [provided by Alliance of Genome Resources, May 2025]
Usage	Research use only
Conjugate	Biotinylated

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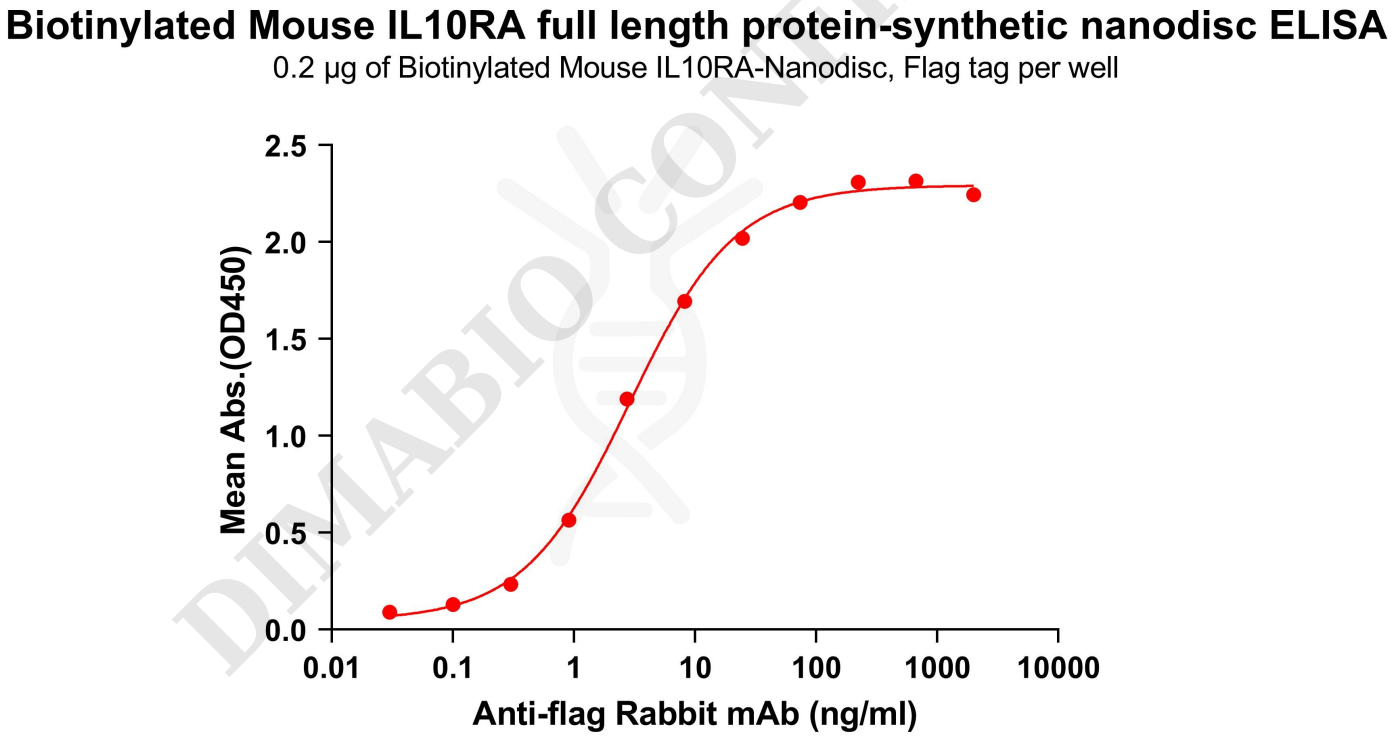


Figure 1. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Biotinylated Mouse IL10RA full length protein-synthetic nanodisc (FLP-M100500B) can bind Anti-flag Rabbit mAb in a linear range of 0.91-24.69 ng/mL.

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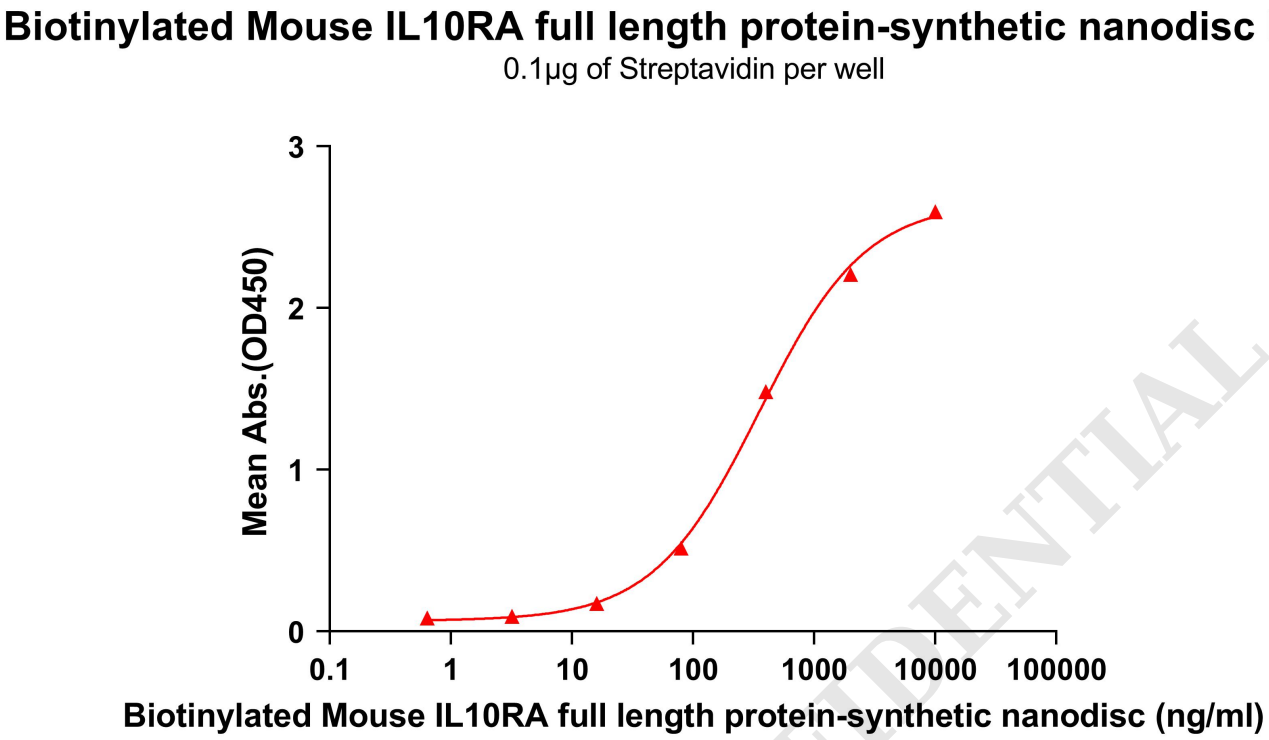


Figure 2. ELISA plate pre-coated by 1 μg/mL (100 μL/well) Streptavidin can bind Biotinylated Mouse Il10ra full length protein-synthetic nanodisc (FLP-M100500B) in a linear range of 80-2000ng/mL. In order to specifically detect FLP-M100500B, Anti-Flag Rabbit antibody was used as detection antibody.

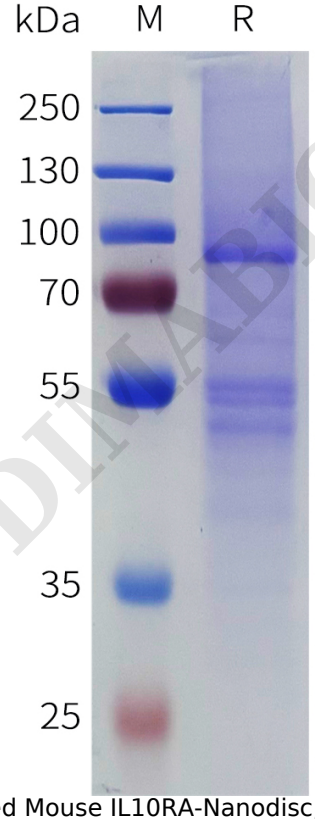


Figure 3. Biotinylated Mouse IL10RA-Nanodisc, Flag Tag on SDS-PAGE

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