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&Strep Tag
Target	TRPC6
Synonyms	N/A
Description	Human TRPC6-Strep full length protein-synthetic nanodisc
Delivery	In Stock
Uniprot ID	Q9Y210
Expression Host	HEK293
Protein Families	Druggable Genome, Ion Channels: Transient receptor potential, Transmembrane
Protein Pathways	N/A
Molecular Weight	The human full length TRPC6-Strep protein has a MW of 106.3 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	The protein forms a receptor-activated calcium channel in the cell membrane. The channel is activated by diacylglycerol and is thought to be under the control of a phosphatidylinositol second messenger system. Activation of this channel occurs independently of protein kinase C and is not triggered by low levels of intracellular calcium. Defects in this gene are a cause of focal segmental glomerulosclerosis 2 (FSGS2).
Usage	Research use only
Conjugate	Unconjugated

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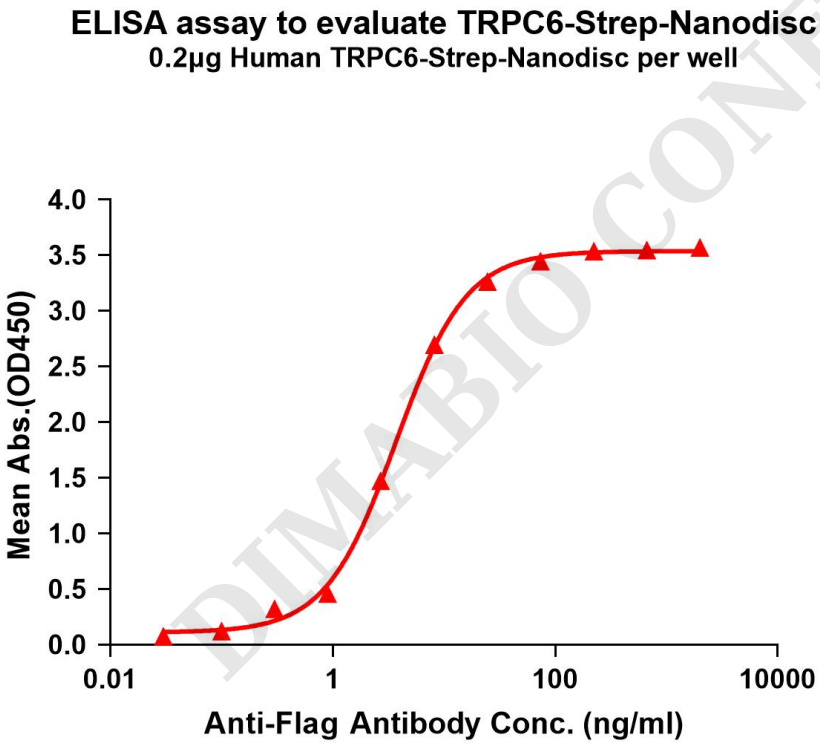


Figure 1. Elisa plates were pre-coated with C-Flag&Strep Tag TRPC6-Strep-Nanodisc (0.2μg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with TRPC6-Strep-nanodisc is 3.712ng/ml.

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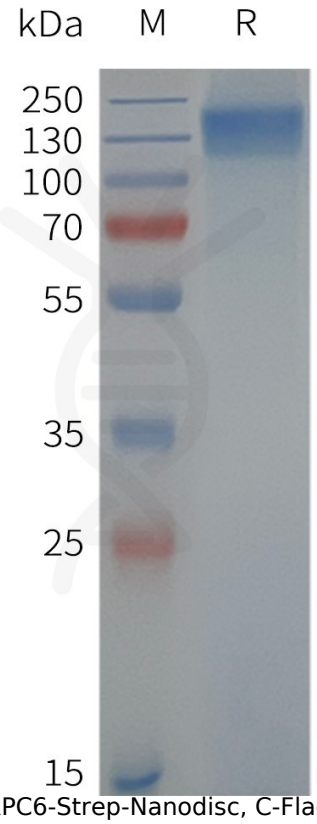


Figure 2. Human TRPC6-Strep-Nanodisc, C-Flag&Strep Tag on SDS-PAGE

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