

PRODUCT INFORMATION

ShasAttributeValueDescription in C:\wwwroot\mirror.dimabio.com\wp-content\plugins\woocommerce-print-ommerce-print-products-public.php on line 2806 Tag

Human TRPV1 full length protein-synthetic nanodisc

In Stock Delivery Uniprot ID O8NER1 HEK293 **Expression Host**

Protein Families Druggable Genome, Ion Channels: Transient receptor potential, Transmembra

Protein Pathways Neuroactive ligand-receptor interaction

Molecular Weigh The human full length TRPV1 protein has a MW of 95.0 kDa

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 of reconstitution. Formulation & Reconstitution

Storage & Shipping

cation channel that is structurally related to me the noxious range, suggesting that it functions with different 5' UTR sequence, have been desi

Research use only Unconjugated

Background

ELISA assay to evaluate TRPV1-Nanodisc 0.2µg Human TRPV1-Nanodisc per well

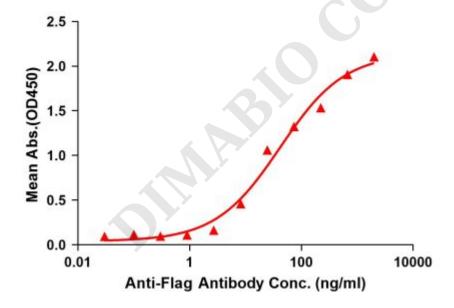


Figure 1. Elisa plates were pre-coated with Flag Tag TRPV1-Nanodisc (0.2μg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with TRPV1-Nanodisc is 41.79ng/ml.

Email: info@dimabio.com Website: www.dimabio.com







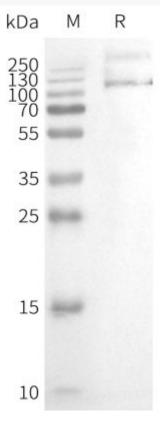
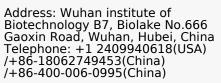


Figure 2. WB analysis of Human TRPV1-Nanodisc with anti-Flag monoclonal antibody at 1/5000 dilution, followed by Goat Anti-Rabbit IgG HRP at 1/5000 dilution

[title text="Citation" color="rgb(28, 105, 232)" icon="icon-pen-alt-fill"]

Li, J., et al., Heat acclimation defense against exertional heat stroke by improving the function of preoptic TRPV1 neurons. Theranostics, 2025. **15**(4): p. 1376-1398. lipubMed



Email: info@dimabio.com Website: www.dimabio.com

