

PRODUCT INFORMATION

Undefined variable \$hasAttributeValueDescription in C:\www.root\mirror.dimabio.com\wp-content\plugins\woocommerce-print-public\class-woocommerce-print-products-public.php on line 2806 Tag

EP4; EP4R

Human PTGER4 full length protein-synthetic nanodisc

In Stock Delivery Uniprot ID P35408 HEK293 **Expression Host**

Protein Families Druggable Genome, GPCR, Transmembrane Protein Pathways Neuroactive ligand-receptor interaction

The human full length PTGER4 protein has a MW of 53.1 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.

Storage & Shipping

yopmization. Please see Letrincate of Analysis for specine instructions or reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, fro intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature receptors identified for prostaglandin E2 (PGE2). This receptor is a citative from the prostaglandin E2 (PGE2). This receptor is a citative from the prostaglandin E3 (PGE2). This receptor is an extra signaling. It has been shown to mediate PGE2 induced expression of early growth response 1 (EGRI), regulate the level and stability of cycloxygenase-2 mRNA, and lead to the phosphoration of glycogen synthase kinase-3. Rockout studies in mice suggest that this receptor may be involved in the neonatal adaptation of circulatory system, osceporosis, as well as initiation of skin immune response.

Unconjugated Conjugate

ELISA assay to evaluate PTGER4-Nanodisc 0.2µg Human PTGER4-Nanodisc per well

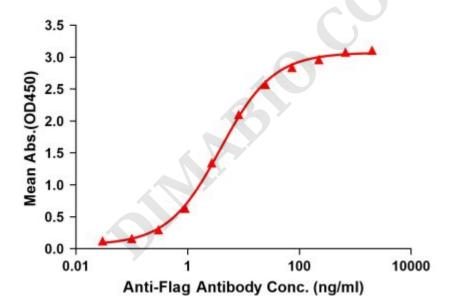
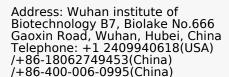


Figure 1. Elisa plates were pre-coated with Flag Tag PTGER4-Nanodisc ($0.2\mu g/per$ well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with PTGER4-Nanodisc is 3.882 ng/ml.

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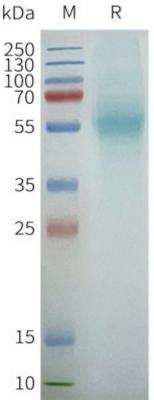


Figure 2. Human PTGER4-Nanodisc, Flag Tag on SDS-PAGE



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