

## **PRODUCT INFORMATION**

C-Flag Tag Tag PTGER2 **Target** 

**Synonyms** FP2

Human PTGER2 full length protein-synthetic **Description** 

nanodisc **Delivery** In Stock **Uniprot ID** P43116 **Expression Host HEK293** 

Druggable Genome, GPCR, Transmembrane **Protein Families** 

**Protein Pathways** Neuroactive ligand-receptor interaction

The human full length PTGER2 protein has a MW **Molecular Weight** 

of 39.8 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 Formulation & Reconstitution

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). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature.

A receptor for prostaglandin E2, a metabolite of arachidonic acid which has different biologic activities in a wide range of tissues. Mutations in

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

this gene are associated with aspirin-induced

susceptibility to asthma.

**Usage** Research use only Conjugate Unconjugated

**Background** 





## ELISA assay to evaluate PTGER2-Nanodisc 0.2µg Human PTGER2-Nanodisc per well

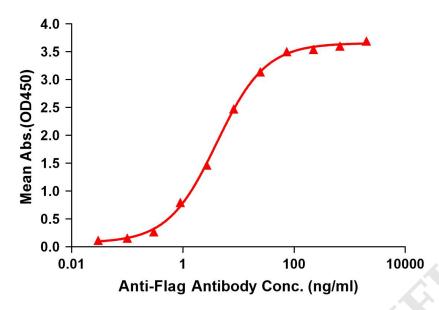


Figure 1. Elisa plates were pre-coated with Flag Tag PTGER2-Nanodisc ( $0.2\mu g/per$  well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with PTGER2-Nanodisc is 4.065 ng/ml.

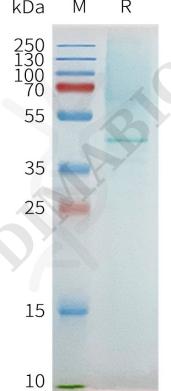


Figure 2. Human PTGER2-Nanodisc, Flag Tag on SDS-PAGE

Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China Telephone: +1 2409940618(USA) /+86-18062749453(China) /+86-400-006-0995(China)

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

