

# Recombinant Human PTGDR2 Full Length Transmembrane protein(Nanodisc)

**Cat. No.** PTGDR2-932H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PTGDR2 Full Length Transmembrane protein(Nanodisc)(Q9Y5Y4) was expressed in HEK293.                                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                      |
| <b>Form</b>             | 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.                                                                                                                                                            |
| <b>Bio-activity</b>     | Elisa plates were pre-coated with Flag Tag PTGDR2-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 PTGDR2-Nanodisc is 3.249ng/ml. |
| <b>Molecular Mass</b>   | The human full length PTGDR2 protein has a MW of 43.3 kDa                                                                                                                                                                                                                                                                   |
| <b>Storage</b>          | 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.                                                                         |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                                                                                                               |

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**Full Length**

Full L.

## GENE INFORMATION

**Gene Name**

PTGDR2 prostaglandin D2 receptor 2 [ Homo sapiens ]

**Official Symbol**

PTGDR2

**Synonyms**

PTGDR2; prostaglandin D2 receptor 2; G protein coupled receptor 44 , GPR44; CD294; chemoattractant receptor homologous molecule expressed on T helper type 2 cells; CRTH2; DP2; G protein-coupled receptor 44; G-protein coupled receptor 44; putative G-protein coupled receptor 44; chemoattractant receptor-homologous molecule expressed on TH2 cells; DL1R; GPR44;

**Gene ID**

11251

**mRNA Refseq**

NM\_004778

**Protein Refseq**

NP\_004769

**MIM**

604837

**UniProt ID**

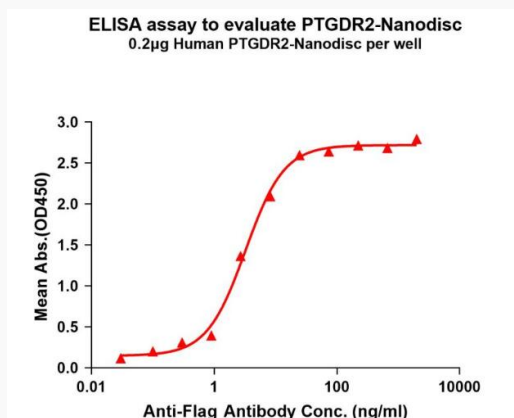
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## Activity



## SDS-PAGE

