Human PF2R full length protein-synthetic nanodisc

Cat. No. FLP100446

## PRODUCT INFORMATION

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|---|---|
| **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**<br>C-Flag Tag |
| **Target** | PF2R |
| **Synonyms** | FP |
| **Description** | Human PF2R full length protein-synthetic nanodisc |
| **Delivery** | 6~8weeks |
| **Uniprot ID** | P43088 |
| **Expression Host** | HEK293 |
| **Protein Families** | GPCR,Transmembrane,Druggable Genome, |
| **Protein Pathways** | GPCRDB Class A Rhodopsin-like,GPCRDB Other,Prostaglandin synthesis regulation,Small ligand GPCRs, |
| **Molecular Weight** | The human full length PF2R protein has a MW of 40.1kDa |
| **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 encoded by this gene is member of the G-protein coupled receptor family. This protein is a receptor for prostaglandin F2-alpha (PGF2-alpha), which is known to be a potent luteolytic agent, and may also be involved in modulating intraocular pressure and smooth muscle contraction in uterus. Knockout studies in mice suggest that the interaction of PGF2-alpha with this receptor may initiate parturition in ovarian luteal cells and thus induce luteolysis. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008] |
| **Usage** | Research use only |
| **Conjugate** | Unconjugated |

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