

PRODUCT INFORMATION

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| Tag | C-Flag Tag |
| Target | PD2R |
| Synonyms | AS1, ASRT1, DP, DP1, PTGDR1 |
| Description | Human PD2R full length protein-synthetic nanodisc |
| Delivery | 6~8weeks |
| Uniprot ID | Q13258 |
| Expression Host | HEK293 |
| Protein Families | GPCR,Transmembrane,Druggable Genome, |
| Protein Pathways | GPCRDB Class A Rhodopsin-like,Prostaglandin synthesis regulation,Small ligand GPCRs,G-Protein Coupled Receptors Signaling Pathway, |
| Molecular Weight | The human full length PD2R protein has a MW of 40.3kDa |
| 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 | This gene encodes a member of the guanine nucleotide-binding protein (G protein)-coupled receptor (GPCR) superfamily. The receptors are seven-pass transmembrane proteins that respond to extracellular cues and activate intracellular signal transduction pathways. This protein is reported to be a receptor for prostaglandin D2, which is a mediator of allergic inflammation and allergic airway inflammation in asthma. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013] |
| Usage | Research use only |
| Conjugate | Unconjugated |

