

**PRODUCT INFORMATION**

|                                         |                                                                                                                                                                                                                                                     |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Tag</b>                              | C-Flag Tag                                                                                                                                                                                                                                          |
| <b>Target</b>                           | MCHR2                                                                                                                                                                                                                                               |
| <b>Synonyms</b>                         | GPR145, GPRv17, MCH-2R, MCH-R2, MCH2, MCH2R, MCHR-2, SLT                                                                                                                                                                                            |
| <b>Description</b>                      | Human MCHR2 full length protein-synthetic nanodisc                                                                                                                                                                                                  |
| <b>Delivery</b>                         | 6~8weeks                                                                                                                                                                                                                                            |
| <b>Uniprot ID</b>                       | Q969V1                                                                                                                                                                                                                                              |
| <b>Expression Host</b>                  | HEK293                                                                                                                                                                                                                                              |
| <b>Protein Families</b>                 | GPCR,Transmembrane,Druggable Genome,                                                                                                                                                                                                                |
| <b>Protein Pathways</b>                 | GPCRDB Other,                                                                                                                                                                                                                                       |
| <b>Molecular Weight</b>                 | The human full length MCHR2 protein has a MW of 38.8kDa                                                                                                                                                                                             |
| <b>Formulation &amp; Reconstitution</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. Please see Certificate of Analysis for specific instructions of reconstitution     |
| <b>Storage&amp;Shipping</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>Background</b>                       | Receptor for melanin-concentrating hormone, coupled to G proteins that activate phosphoinositide hydrolysis.[UniProtKB/Swiss-Prot Function]                                                                                                         |
| <b>Usage</b>                            | Research use only                                                                                                                                                                                                                                   |
| <b>Conjugate</b>                        | Unconjugated                                                                                                                                                                                                                                        |

