

PRODUCT INFORMATION

|                              |                                                                                                                                                                                                                                                     |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tag                          | C-Flag&Strep Tag                                                                                                                                                                                                                                    |
| Target                       | GP156                                                                                                                                                                                                                                               |
| Synonyms                     | GABABL, PGR28                                                                                                                                                                                                                                       |
| Description                  | Human GP156-Strep full length protein-synthetic nanodisc                                                                                                                                                                                            |
| Delivery                     | 6~8weeks                                                                                                                                                                                                                                            |
| Uniprot ID                   | Q8NFN8                                                                                                                                                                                                                                              |
| Expression Host              | HEK293                                                                                                                                                                                                                                              |
| Protein Families             | Transmembrane,Druggable Genome,                                                                                                                                                                                                                     |
| Protein Pathways             | N/A                                                                                                                                                                                                                                                 |
| Molecular Weight             | The human full length GP156-Strep protein has a MW of 89.1 kDa                                                                                                                                                                                      |
| 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 specific instructions of reconstitution.    |
| 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                   | G protein-coupled receptors (GPCRs) are a large superfamily of cell surface receptors characterized by 7 helical transmembrane domains, together with N-terminal extracellular and C-terminal intracellular domains.[supplied by OMIM, Mar 2008]    |
| Usage                        | Research use only                                                                                                                                                                                                                                   |
| Conjugate                    | Unconjugated                                                                                                                                                                                                                                        |

