

PRODUCT INFORMATION

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| Tag | C-Flag&Strep Tag |
| Target | GPR21 |
| Synonyms | Probable G-protein coupled receptor 21 |
| Description | Human GPR21-Strep full length protein-synthetic nanodisc |
| Delivery | 6~8weeks |
| Uniprot ID | Q99679 |
| Expression Host | HEK293 |
| Protein Families | GPCR,Transmembrane,Druggable Genome, |
| Protein Pathways | GPCRDB Class A Rhodopsin-like, |
| Molecular Weight | The human full length GPR21-Strep protein has a MW of 39.5 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. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments. |
| 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 G-protein-coupled receptor 1 family. G-protein coupled receptors are membrane proteins which activate signaling cascades as a response to extracellular stress. The encoded protein activates a Gq signal transduction pathway which mobilizes calcium. [provided by RefSeq, Nov 2012] |
| Usage | Research use only |
| Conjugate | Unconjugated |

