

PRODUCT INFORMATION

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| Tag | C-Flag Tag |
| Target | GPR6 |
| Synonyms | G-protein coupled receptor 6; Sphingosine 1-phosphate receptor GPR6 |
| Description | Human GPR6 full length protein-synthetic nanodisc |
| Delivery | 6~8weeks |
| Uniprot ID | P46095 |
| Expression Host | HEK293 |
| Protein Families | GPCR,Transmembrane,Druggable Genome, |
| Protein Pathways | GPCRDB Class A Rhodopsin-like, |
| Molecular Weight | The human full length GPR6 protein has a MW of 37.9kDa |
| 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 | Orphan receptor with constitutive G(s) signaling activity that activate cyclic AMP. Promotes neurite outgrowth and blocks myelin inhibition in neurons (By similarity). [UniProtKB/Swiss-Prot Function] |
| Usage | Research use only |
| Conjugate | Unconjugated |

