

**PRODUCT INFORMATION**

|   |  |
|---|--|
| <b>Tag</b>                              | C-Flag&Strep Tag   |
| <b>Target</b>                           | S1PR4  |
| <b>Synonyms</b>                         | EDG6, LPC1, S1P4, SLP4   |
| <b>Description</b>                      | Human S1PR4-Strep full length protein-synthetic nanodisc   |
| <b>Delivery</b>                         | 6~8weeks   |
| <b>Uniprot ID</b>                       | O95977   |
| <b>Expression Host</b>                  | HEK293   |
| <b>Protein Families</b>                 | GPCR,Transmembrane,Druggable Genome,   |
| <b>Protein Pathways</b>                 | Small ligand GPCRs,  |
| <b>Molecular Weight</b>                 | The human full length S1PR4-Strep protein has a MW of 41.6 kDa   |
| <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. 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. |
| <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>                       | This gene is a member of the endothelial differentiation, G-protein-coupled (EDG)) receptor gene family. EDG receptors bind lysophospholipids or lysosphingolipids as ligands, and are involved in cell signalling in many different cell types. This EDG receptor gene is intronless and is specifically expressed in the lymphoid tissue. [provided by RefSeq, Jul 2008]           |
| <b>Usage</b>                            | Research use only  |
| <b>Conjugate</b>                        | Unconjugated   |

