

PRODUCT INFORMATION

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| Tag | C-Flag Tag |
| Target | S1PR1 |
| Synonyms | CD363, CHEDG1, D1S3362, ECGF1, EDG-1, EDG1, S1P1 |
| Description | Human S1PR1 full length protein-synthetic nanodisc |
| Delivery | 6~8weeks |
| Uniprot ID | P21453 |
| Expression Host | HEK293 |
| Protein Families | GPCR,Transmembrane,Druggable Genome, |
| Protein Pathways | GPCRDB Other,S1P Signaling,Small ligand GPCRs,Angiogenesis,Angiogenesis,G-Protein Coupled Receptors Signaling Pathway, |
| Molecular Weight | The human full length S1PR1 protein has a MW of 42.8kDa |
| 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 |
| 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 | The protein encoded by this gene is structurally similar to G protein-coupled receptors and is highly expressed in endothelial cells. It binds the ligand sphingosine-1-phosphate with high affinity and high specificity, and suggested to be involved in the processes that regulate the differentiation of endothelial cells. Activation of this receptor induces cell-cell adhesion. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016] |
| Usage | Research use only |
| Conjugate | Unconjugated |

