

PRODUCT INFORMATION

|                              |   |
|------------------------------|---|
| Tag                          | C-Flag&Strep Tag  |
| Target                       | CXCR5   |
| Synonyms                     | BLR1; CD185; MDR15  |
| Description                  | Human CXCR5-Strep full length protein-synthetic nanodisc  |
| Delivery                     | 6~8weeks  |
| Uniprot ID                   | P32302  |
| Expression Host              | HEK293  |
| Protein Families             | Druggable Genome, GPCR, Transmembrane   |
| Protein Pathways             | Chemokine signaling pathway, Cytokine-cytokine receptor interaction   |
| Molecular Weight             | The human full length CXCR5-Strep protein has a MW of 42 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                   | A multi-pass membrane protein that belongs to the CXC chemokine receptor family. It is expressed in mature B-cells and Burkitt's lymphoma. This cytokine receptor binds to B-lymphocyte chemoattractant (BLC), and is involved in B-cell migration into B-cell follicles of spleen and Peyer patches. |
| Usage                        | Research use only   |
| Conjugate                    | Unconjugated  |

