

PRODUCT INFORMATION

|                              |   |
|------------------------------|---|
| Tag                          | C-Flag&Strep Tag  |
| Target                       | PVRIG   |
| Synonyms                     | C7orf15; CD112R   |
| Description                  | Human PVRIG-Strep full length protein-synthetic nanodisc  |
| Delivery                     | 6~8weeks  |
| Uniprot ID                   | Q6DKI7  |
| Expression Host              | HEK293  |
| Protein Families             | Transmembrane   |
| Protein Pathways             | N/A   |
| Molecular Weight             | The human full length PVRIG-Strep protein has a MW of 34.3 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                   | Cell surface receptor for NECTIN2. May act as a coinhibitory receptor that suppresses T-cell receptor-mediated signals. Following interaction with NECTIN2, inhibits T-cell proliferation. Competes with CD226 for NECTIN2-binding.                 |
| Usage                        | Research use only   |
| Conjugate                    | Unconjugated  |

