

## Product Datasheet

### SARS-CoV-2 (Alpha) S protein RBD , hFc Tag orb1173916

|                        |   |
|------------------------|---|
| <b>Description</b>     | Recombinant SARS-CoV-2 S protein RBD(N501Y) protein with C-terminal human Fc tag  |
| <b>Reactivity</b>      | Virus   |
| <b>Conjugation</b>     | Unconjugated  |
| <b>Target</b>          | SARS  |
| <b>Form/Appearance</b> | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.  |
| <b>Preservatives</b>   | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.  |
| <b>Storage</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>Tag</b>             | C-Human Fc Tag  |
| <b>Note</b>            | For research use only.  |
| <b>Purity</b>          | The purity of the protein is greater than 90% as determined by SDS-PAGE and Coomassie blue staining.  |
| <b>MW</b>              | The protein has a predicted molecular mass of 51.3 kDa after removal of the signal peptide. The apparent molecular mass of RBD(N501Y)-hFc is approximately 55-70 kDa due to glycosylation.  |
| <b>Source</b>          | Mammalian   |
| <b>Uniprot ID</b>      | <a href="#">P0DTC2</a>  |
| <b>Expiration Date</b> | 6 months from date of receipt.  |