

## Product Datasheet

### HCoV-NL63 S1 protein (orb668902)

|                          |                                                                                                                                                                                                            |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>       | It's been reported that Coronavirus can infect the human respiratory epithelial cells through intera...                                                                                                    |
| <b>Reactivity</b>        | Virus                                                                                                                                                                                                      |
| <b>Endotoxins</b>        | 1.0 EU per µg                                                                                                                                                                                              |
| <b>Conjugation</b>       | Unconjugated                                                                                                                                                                                               |
| <b>Target</b>            | Spike S1                                                                                                                                                                                                   |
| <b>Preservatives</b>     | PBS, pH7.4                                                                                                                                                                                                 |
| <b>Form/Appearance</b>   | Powder                                                                                                                                                                                                     |
| <b>Storage</b>           | -20°C                                                                                                                                                                                                      |
| <b>Tag</b>               | C-10×His                                                                                                                                                                                                   |
| <b>Note</b>              | For research use only                                                                                                                                                                                      |
| <b>Application notes</b> | This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 79.5 kDa. The protein migrates as 120-140 kDa under reducing (R) condition (SDS-PAGE) due to Glycosylation. |
| <b>Protein Sequence</b>  | Cys 19 - Val 717                                                                                                                                                                                           |
| <b>Purity</b>            | 90%                                                                                                                                                                                                        |
| <b>Source</b>            | HCoV-NL63 S1 protein, His Tag (orb668902) is expressed from human 293 cells (HEK293). It contains AA Cys 19 - Val 717 (Accession # Q6Q1S2-1).                                                              |
| <b>MW</b>                | 79.5 kDa                                                                                                                                                                                                   |
| <b>Expiration Date</b>   | 6 months from date of receipt.                                                                                                                                                                             |