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## Product Datasheet

### Human Novel Coronavirus Spike glycoprotein(S) protein BYT-ORB668864

|                          |                                                                                                                                                                                |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | Human Novel Coronavirus Spike glycoprotein(S) protein                                                                                                                          |
| Artikelnummer            | BYT-ORB668864                                                                                                                                                                  |
| Hersteller Artikelnummer | orb668864                                                                                                                                                                      |
| Alternativnummer         | BYT-ORB668864-20,BYT-ORB668864-100,BYT-ORB668864-1                                                                                                                             |
| Hersteller               | Biorbyt                                                                                                                                                                        |
| Kategorie                | Proteine/Peptide                                                                                                                                                               |
| Produktbeschreibung      | This Human Novel Coronavirus Spike glycoprotein(S) protein spans the amino acid sequence from region 319-541aa (V483A). Purity: Greater than 90% as determined by SDS-PAGE.... |
| Molekulargewicht         | 27.8 kDa                                                                                                                                                                       |
| UniProt                  | <a href="#">P0DTC2</a>                                                                                                                                                         |
| Puffer                   | Lyophilized from a 0.2 µm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0                                                                                            |
| Quelle                   | Severe acute respiratory syndrome coronavirus 2 (2019-nCoV) (SARS-CoV-2)                                                                                                       |
| Reinheit                 | Greater than 90% as determined by SDS-PAGE.                                                                                                                                    |
| Formulierung             | Lyophilized powder                                                                                                                                                             |

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequenz                | RVQPTESIVRFPNITNLCPFGEVFNATRFASVYAWNRRKRISNCVADYSVLYNSA<br>SFSTFKCYGVSP TKLNDLCFTNVYADSFVIRGDEV RQIAPGQTGKIADYNYKLP<br>DDFTGCVIAWNSNNLDSKVGGNYNYLYRLFRKSNLKP FERDISTEIYQAGSTP<br>CNGAEGFNCYFPLQSYGFQPTNGVG YQPYRVVVL SFELLHAPATVCGPKKST<br>NLVKNKCVNF                                                                                                                                                                                                                                                        |
| Anwendungsbeschreibung | <p>Biological Origin: Severe acute respiratory syndrome coronavirus 2 (2019-nCoV) (SARS-CoV-2). Biological Activity: Measured by its binding ability in a functional ELISA. Immobilized SARS-CoV-2-S1-RBD (V483A) at 5 µg/ml can bind human ACE2, the EC50 is 196.4-272.1 ng/ml. ②Measured by its binding ability in a functional ELISA. Immobilized SARS-CoV-2-S1-RBD (V483A) at 2 µg/ml can bind SARS-CoV-2-S Antibody, the EC50 is 7.481- 18.76 ng/ml. Application Notes: SARS-CoV-2 Related Proteins</p> |