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## Product Datasheet

### **Recombinant Human Novel Coronavirus Spike glycoprotein(S) (N501Y),partial (Active) BYT-ORB1096691**

|                          |                                                                                                                                                                                                                      |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | Recombinant Human Novel Coronavirus Spike glycoprotein(S)<br>(N501Y),partial (Active)                                                                                                                                |
| Artikelnummer            | BYT-ORB1096691                                                                                                                                                                                                       |
| Hersteller Artikelnummer | orb1096691                                                                                                                                                                                                           |
| Alternativnummer         | BYT-ORB1096691-1,BYT-ORB1096691-100,BYT-ORB1096691-20                                                                                                                                                                |
| Hersteller               | Biorbyt                                                                                                                                                                                                              |
| Kategorie                | Proteine/Peptide                                                                                                                                                                                                     |
| Produktbeschreibung      | This Recombinant Human Novel Coronavirus Spike glycoprotein(S)<br>(N501Y),partial (Active) spans the amino acid sequence from region<br>319-541aa(N501Y). Purity: Greater than 90% as determined by SDS-<br>PAGE.... |
| Molekulargewicht         | 55.3 kDa                                                                                                                                                                                                             |
| UniProt                  | <a href="#">P0DTC2</a>                                                                                                                                                                                               |
| Puffer                   | Lyophilized from a 0.2 µm sterile filtered PBS, 6% Trehalose, pH 7.4.                                                                                                                                                |
| Quelle                   | Severe acute respiratory syndrome coronavirus 2 (2019-nCoV) (SARS-<br>CoV-2)                                                                                                                                         |
| Reinheit                 | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                          |
| Formulierung             | Lyophilized powder                                                                                                                                                                                                   |

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|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequenz                | RVQPTESIVRFPNITNLCPFGEVFNATRFASVYAWNRRKRISNCVADYSVLYNSA<br>SFSTFKCYGVSP TKLNDLCFTNVYADSFVIRGDEV RQIAPGQTGKIADYNYKLP<br>DDFTGCVIAWNSNNLDSKVGGNYNYLYRLFRKSNLKP FERDISTEIYQAGSTP<br>CNGVEGFNCYFPLQSYGFQPTYGVGYQP YRVVLSFELLHAPATVCGPKKSTN<br>LVKNKCVNF                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 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 (N501Y) at 2 µg/ml can bind human ACE2, the EC50 is 2.492-4.401 ng/ml. Application Notes: We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference</p> |