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## Product Datasheet

### **Recombinant Human Novel Coronavirus Spike glycoprotein(S) (K417N),partial BYT-ORB1096689**

|                            |                                                                                                                                                                                                              |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Recombinant Human Novel Coronavirus Spike glycoprotein(S)<br>(K417N),partial                                                                                                                                 |
| Biozol Catalog Number      | BYT-ORB1096689                                                                                                                                                                                               |
| Supplier Catalog Number    | orb1096689                                                                                                                                                                                                   |
| Alternative Catalog Number | BYT-ORB1096689-1,BYT-ORB1096689-100,BYT-ORB1096689-20                                                                                                                                                        |
| Manufacturer               | Biorbyt                                                                                                                                                                                                      |
| Category                   | Proteine/Peptide                                                                                                                                                                                             |
| Product Description        | This Recombinant Human Novel Coronavirus Spike glycoprotein(S)<br>(K417N),partial spans the amino acid sequence from region 319-<br>541aa(K417N). Purity: Greater than 85% as determined by SDS-<br>PAGE.... |
| Molecular Weight           | 54.4 kDa                                                                                                                                                                                                     |
| UniProt                    | <a href="#">P0DTC2</a>                                                                                                                                                                                       |
| Buffer                     | Lyophilized from a 0.2 µm sterile filtered PBS, 6% Trehalose, pH 7.4                                                                                                                                         |
| Source                     | Severe acute respiratory syndrome coronavirus 2 (2019-nCoV) (SARS-<br>CoV-2)                                                                                                                                 |
| Purity                     | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                  |
| Form                       | Lyophilized powder                                                                                                                                                                                           |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence          | RVQPTESIVRFPNITNLCPFGEVFNATRFASVYAWNRRKRISNCVADYSVLYNSA<br>SFSTFKCYGVSPTKLNDLCFTNVYADSFVIRGDEVQRQIAPGQTGNIADYNYKLP<br>DDFTGCVIAWNSNNLDSKVGGNYNYLYRLFRKSNLKPFERDISTEIYQAGSTP<br>CNGVEGFNCYFPLQSYGFQPTNGVGYPYRVVLSFELLHAPATVCGPKKST<br>NLVKNKCVNF                                                                                                                                                                                                                                                                            |
| Application Notes | Biological Origin: Severe acute respiratory syndrome coronavirus 2 (2019-nCoV) (SARS-CoV-2). 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 |