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## Product Datasheet

### **SARS-CoV-2 (Omicron) Nucleocapsid, C-His Tag, Unconjugated BYT-ORB1173777**

|                            |                                                                                                                                                                                                                   |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | SARS-CoV-2 (Omicron) Nucleocapsid, C-His Tag, Unconjugated                                                                                                                                                        |
| Biozol Catalog Number      | BYT-ORB1173777                                                                                                                                                                                                    |
| Supplier Catalog Number    | orb1173777                                                                                                                                                                                                        |
| Alternative Catalog Number | BYT-ORB1173777-10,BYT-ORB1173777-50,BYT-ORB1173777-100                                                                                                                                                            |
| Manufacturer               | Biorbyt                                                                                                                                                                                                           |
| Category                   | Proteine/Peptide                                                                                                                                                                                                  |
| Species Reactivity         | Virus                                                                                                                                                                                                             |
| Conjugation                | Unconjugated                                                                                                                                                                                                      |
| Product Description        | Recombinant SARS-CoV-2 Nucleocapsid (P13L,E31del,R32del,S33del,R203K,G204R) protein with C-terminal 6*His tag...                                                                                                  |
| Molecular Weight           | The protein has a predicted molecular mass of 46.3 kDa after removal of the signal peptide. The apparent molecular mass of Nucleocapsid (D63G, R203M, D377Y)-His is approximately 55-70 kDa due to glycosylation. |
| UniProt                    | <a href="#">P0DTC9</a>                                                                                                                                                                                            |
| Buffer                     | 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.                                    |
| Purity                     | The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.                                                                                                              |

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|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form   | 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. |
| Target | Nucleocapsid                                                                                                                                                                                     |