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Product Datasheet

Human Novel Coronavirus Spike glycoprotein(S) protein BYT-ORB668861

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| Article Name | Human Novel Coronavirus Spike glycoprotein(S) protein |
| Biozol Catalog Number | BYT-ORB668861 |
| Supplier Catalog Number | orb668861 |
| Alternative Catalog Number | BYT-ORB668861-1,BYT-ORB668861-100,BYT-ORB668861-20 |
| Manufacturer | Biorbyt |
| Category | Proteine/Peptide |
| Product Description | This Human Novel Coronavirus Spike glycoprotein(S) protein spans the amino acid sequence from region 319-541aa (V367F). Purity: Greater than 90% as determined by SDS-PAGE.... |
| Molecular Weight | 27.9 kDa |
| UniProt | P0DTC2 |
| Buffer | Lyophilized from a 0.2 µm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0 |
| Source | Severe acute respiratory syndrome coronavirus 2 (2019-nCoV) (SARS-CoV-2) |
| Purity | Greater than 90% as determined by SDS-PAGE. |
| Form | Lyophilized powder |
| Sequence | RVQPTEsIVRFPNITNLCPFGEVFNATRFASVYAWNRKRISNCVADYSFLYNSA SFSTFKCYGVSPTKLNDLCFTNVYADSFVIRGDEV RQIAPGQTGKIADYNYKLP DDFTGCVIAWNSNNLDSKVGGNYNYLYRLFRKSNLKPFRDISTEIYQAGSTP CNGVEGFNCYFPLQSYGFQPTNGVGYQP YRVVWLSFELLHAPATVCGPKKST NLVKNKCVNF |

Application Notes

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 (V367F) at 5 µg/ml can bind human ACE2, the EC50 is 65.58-90.16 ng/ml. Application Notes: SARS-CoV-2 Related Proteins