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## Product Datasheet

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

Article Name	Human Novel Coronavirus Spike glycoprotein(S) protein
Biozol Catalog Number	BYT-ORB668864
Supplier Catalog Number	orb668864
Alternative Catalog Number	BYT-ORB668864-1,BYT-ORB668864-100,BYT-ORB668864-20
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	This Human Novel Coronavirus Spike glycoprotein(S) protein spans the amino acid sequence from region 319-541aa (V483A). Purity: Greater than 90% as determined by SDS-PAGE....
Molecular Weight	27.8 kDa
UniProt	<a href="#">P0DTC2</a>
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	RVQPTEsIVRFPNITNLCPFGEVFNATRFASVYAWNRKRISNCVADYSVLYNSA SFSTFKCYGVSPTKLNDLCFTNVYADSFVIRGDEVQRQIAPGQTGKIADYNYKLP DDFTGCVIAWNSNNLDSKVGGNYNYLYRLFRKSNLKPFRDISTEIYQAGSTP CNGAEGFNCYFPLQSYGFQPTNGVGYQPYRVVWLSFELLHAPATVCGPKKST 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 (V483A) at 5 µg/ml can bind human ACE2, the EC50 is 196.4-272.1 ng/ml. ©Measured 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