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## Product Datasheet

### Human SARS coronavirus Spike glycoprotein(S) protein BYT-ORB668866

Article Name	Human SARS coronavirus Spike glycoprotein(S) protein
Biozol Catalog Number	BYT-ORB668866
Supplier Catalog Number	orb668866
Alternative Catalog Number	BYT-ORB668866-1,BYT-ORB668866-100,BYT-ORB668866-20
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	This Human SARS coronavirus Spike glycoprotein(S) protein spans the amino acid sequence from region 306-527aa. Purity: Greater than 95% as determined by SDS-PAGE....
Molecular Weight	30 kDa
UniProt	<a href="#">P59594</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 (SARS-CoV)
Purity	Greater than 95% as determined by SDS-PAGE.
Form	Lyophilized powder
Sequence	RVVPSPGDVVRFPNITNLCPFGEVFNATKFPSVYAWERKKISNCVADYSVLYNS TFFSTFKCYGVSATKLNLCFSNVYADSFVVKGDDVRQIAPGQTGVIADYNYK LPDDFMGCVLAWNTRNIDATSTGNVYKYRYLRHGKLRPFERDISNVPFSPD GKPCTPPALNCYWPLNDYGFYTTTGIGYQPYRVVLSFELLNAPATVCGPKLST DLIKNQCVNF

Application Notes

Biological Origin: Severe acute respiratory syndrome coronavirus (SARS-CoV). Biological Activity: Measured by its binding ability in a functional ELISA. Immobilized SARS-CoV S-RBD at 2 µg/ml can bind Paguma larvata ACE2, the EC50 is 5.056-7.559 ng/ml. ②Measured by its binding ability in a functional ELISA. Immobilized SARS-CoV S-RBD at 5 µg/ml can bind human ACE2, the EC50 is 7.941-10.49 ng/ml.  
Application Notes: SARS-CoV-2 Related Proteins