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## Product Datasheet

### **SARS-CoV-2 (COVID-19) Alpha Variant (B.1.1.7, UK) Spike S1 (RBD) Recombinant Protein BYT-ORB1231044**

Article Name	SARS-CoV-2 (COVID-19) Alpha Variant (B.1.1.7, UK) Spike S1 (RBD) Recombinant Protein
Biozol Catalog Number	BYT-ORB1231044
Supplier Catalog Number	orb1231044
Alternative Catalog Number	BYT-ORB1231044-50
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	SARS-CoV-2 (COVID-19) Alpha Variant (B.1.1.7, UK) Spike S1 (RBD) Recombinant Protein...
Concentration	1 mg/ml after reconstitution.
Molecular Weight	~35kDa (SDS-PAGE)
NCBI	<a href="#">43416</a>
UniProt	<a href="#">P0DTC2</a>
Buffer	Lyophilized. Contains PBS.
Purity	95% (SDS-PAGE)
Form	Lyophilized
Sequence	Receptor-binding domain (RBD) of SARS-CoV-2 Spike protein S1 (aa 319-541) containing the mutation N501Y is fused at the C-terminus to a His-tag.

Target	S
Application Notes	Biological Activity: Binds to anti-SARS-CoV-2 Spike (RBD) antibodies in serum or plasma. Binds to human ACE2