

## Product Datasheet

# Recombinant COVID-19/SARS-CoV-2 Spike RBD protein, mFc Tag (orb1141464)

<b>Catalog Number</b>	orb1141464
<b>Category</b>	Proteins
<b>Description</b>	Recombinant COVID-19/SARS-CoV-2 Spike RBD protein, mFc Tag
<b>Purity</b>	≥95% as determined by SDS-PAGE
<b>Tested applications</b>	ELISA, WB
<b>Endotoxins</b>	0.1EU per µg protein as determined by the LAL method.
<b>Source</b>	A DNA sequence encoding the SARS-CoV-2 (2019-nCoV) Spike Protein (RBD) (YP_009724390.1) was fused a mFc tag at N terminus was expressed from Mammalian cells can bind with ACE2.
<b>Biological Activity</b>	Immobilized recombinant human anti-2019-nCoV NP monoclonal antibody at 2µg/ml (100 µl/well) can bind 2019-nCoV Nucleocapsid Protein. The ED50 of Recombinant 2019-nCoV Nucleocapsid Protein-His is 2.8 ng/ml.
<b>Note</b>	For research use only
<b>Expiration Date</b>	6 months from date of receipt.

**Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

**Biorbyt LLC**

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713-2847  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)