

## Product Datasheet

# Recombinant SARS-CoV-2 RBD (Omicron/B.1.1.529) Protein, C-Fc (orb2961823)

<b>Catalog Number</b>	orb2961823
<b>Category</b>	Proteins
<b>Description</b>	Recombinant SARS-CoV-2 RBD (Omicron/B.1.1.529) Protein, C-Fc expressed in Mammalian Cells . Purity: >90% by SDS-PAGE. Highlights Fc Fusion — Enhanced stability with Protein A/G purification compatibility. Mammalian Expression — Proper folding and native glycosylation. High Purity — >90% purity verified by SDS-PAGE.
<b>Form/Appearance</b>	Lyophilized
<b>Buffer/Preservatives</b>	Lyophilized from a solution in PBS pH 7.4, 1mM EDTA, 4% Trehalose, 1% Mannitol.
<b>Reconstitution</b>	Reconstitute in sterile water for a stock solution. A copy of datasheet will be provided with the products, please refer to it for details.
<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Protein Length</b>	Arg319-Phe541 (Q493K)
<b>UniProt ID</b>	<b>069279</b>
<b>MW</b>	53.21 kDa
<b>Tested applications</b>	ELISA, SDS-PAGE, WB
<b>Expression System</b>	Mammalian Cells
<b>Endotoxins</b>	Please contact with the lab for this information.
<b>Biological Origin</b>	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)

**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  
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)

<b>Expression Region</b>	Arg319-Phe541 (Q493K)
<b>Storage</b>	-20°C
<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  
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)