



## Datasheet

### OVERVIEW AND PROPERTIES

---

<b>Product Name</b>	PtX™ SARS-CoV-2 Spike Protein S1 Recombinant Antigen (His tag) Ultra
<b>Catalogue Number</b>	CBT_P0003
<b>Expression Host</b>	<i>Nicotiana benthamiana</i> plants
<b>Clonality</b>	N/A
<b>Species and Isotype</b>	Human
<b>Tag</b>	poly-histidine (His) and SEKDEL tags at the C-terminus
<b>Reporter Protein</b>	None
<b>Description</b>	This product is a recombinant peptide fused at the genetic level to both a 6X Histidine and a SEKDEL tag. It was produced in <i>Nicotiana benthamiana</i> plants via <i>Agrobacterium tumefaciens</i> mediated infiltration.
<b>Target name</b>	N/A
<b>Target sequence</b>	The S1 portion of the Spike protein of SARS-CoV-2 (GenBank: MN908947.3) fused to a poly-histidine and a SEKDEL tag at the C-terminus.
<b>Verified applications</b>	Western blot ELISA
<b>Concentration</b>	1.0 mg/ml
<b>Form</b>	Liquid
<b>Colour</b>	Clear to light yellow brown.
<b>Preparation</b>	Ready to use
<b>Storage</b>	Short-term (up to one week): 2 – 8 °C Long-term: Aliquot and store at – 20 °C Store immediately. Aliquot and avoid multiple freeze-thaw cycles.
<b>Storage buffer</b>	0.1 M Phosphate Buffered Saline, pH 7.4 Preservative: None
<b>Purification notes</b>	This product was purified using Protein A affinity chromatography.
<b>Purity</b>	≥ 85 % as determined by SDS-PAGE
<b>General notes</b>	If for any reason the product does not perform as specified, please contact our scientific support team for assistance by emailing <a href="mailto:sales@capebiologix.com">sales@capebiologix.com</a> .

#### **Cape Biologix Technologies (Pty) Ltd.**

Address: Unit 3, The Powder Mill, 5 Sunrise Circle,  
Ndabeni, Cape Town, South Africa, 7405

Directors: Belinda Shaw

Company Registration: 2020/185821/07

VAT number: 4170291449

Contact: [sales@capebiologix.com](mailto:sales@capebiologix.com) +27 (0)21 286 2835

[www.capebiologix.com](http://www.capebiologix.com)