

Datasheet

OVERVIEW AND PROPERTIES

Product Name	PtX™ Recombinant Protein A
Catalogue Number	CBT_P0001
Expression Host	<i>Nicotiana benthamiana</i> plants
Clonality	N/A
Species	<i>Staphylococcus aureus</i>
Tag	6xhis tag (C-terminal)
Reporter Protein	N/A
Description	This product is recombinantly produced in <i>Nicotiana benthamiana</i> plants via <i>Agrobacterium tumefaciens</i> mediated infiltration.
Sequence	MKKKNIYSIRKLGVGIASVTLGTLISGGVTPAANAA QHDEAQQNAFYQVLNMPNLNADQRNGFIQSLKDDPSQ SANVLGEAQKLNSQAPKADAQQNNFDKDQQSAFYEI LNMPNLNEAQRNGFIQSLKDDPSQSTNVLGEAKKLE SQAPKADNNFNKEQQNAFYEILNMPNLNEEQRNGFIQS
Verified Applications	ELISA (1:10 000-1:30 000)
Verified Species	Human IgG1 (++++)
Immunoglobulin Affinity	Rabbit IgG (+++) Mouse IgG1 (+) Mouse IgG2a (++++) Alpaca IgG2b (++++)
Concentration	1.0 mg/ml
Form	Liquid
Colour	Clear to light yellow
Preparation	Ready to use
Storage	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.
Storage buffer	0.1 M Phosphate Buffered Saline, pH 7.4 Preservative: None
Purification notes	This product was purified using Immobilised metal affinity chromatography (IMAC).
Purity	≥ 85 % as determined by SDS-PAGE

Cape Biologix Technologies (Pty) Ltd.

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

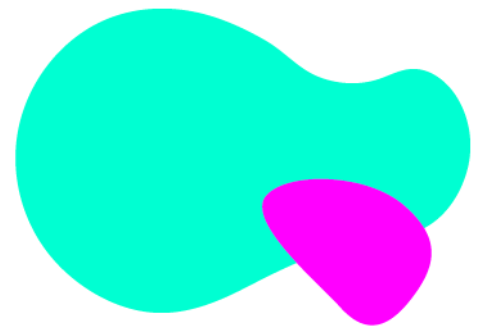
Directors: Belinda Shaw

Company Registration: 2020/185821/07

VAT number: 4170291449

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

www.capebiologix.com



General notes

If for any reason the product does not perform as specified, please contact our scientific support team for assistance by emailing sales@capebiologix.com.

IMAGES

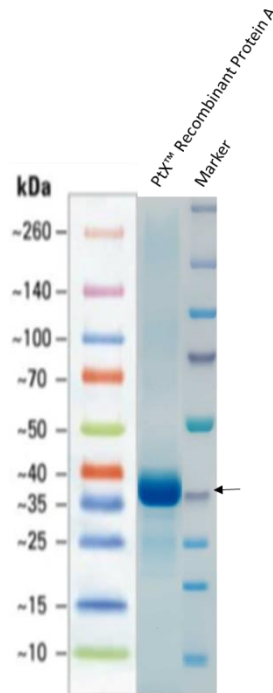


Figure 1. PtX™ Recombinant Protein A analysed by SDS-PAGE and Coomassie stain. Arrow indicating protein band at 42KDa.

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