

# SAFETY DATA SHEET

V2

<b>1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY UNDERTAKING</b>	
<b>1.1 Product Identifier</b>	
<b>Product Name</b>	PtX™ Protein A (HRP) Recombinant Protein
<b>Product Code</b>	CBT_P0002
<b>1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against</b>	
<b>Recommended use</b>	Research use only: Western blot & ELISA
<b>Uses advised against</b>	Diagnostic and Therapeutic
<b>1.3 Details of the supplier of the safety data sheet</b>	
<b>Supplier address</b>	Cape Biologix Technologies South Africa Unit 2, The Powder Mill, 5 Sunrise Circle, Ndabeni 7405
<b>Company website</b>	<a href="http://www.capebiologix.com">www.capebiologix.com</a>
<b>Company contact</b>	<b>Email Us</b> sales@capebiologix.com <b>Phone Number</b> (+27) 21 286-2835
<b>1.4 Emergency Telephone Number</b>	
South Africa: 0603757433	
<b>2. HAZARDS IDENTIFICATION</b>	
<b>2.1 Classification of the substance or mixture</b>	
GHS / CLP - GHS - Classification Protein A fused to HRP Recombinant Protein, made in plants. Ozone: Not applicable Reduce direct handling to a minimum and wear appropriate protective clothing.	
<b>2.2 Label Elements</b>	
Not dangerous	
<b>Precautionary Statements - EU (§28, 1272/2008)</b>	P280 - Wear protective gloves/ protective clothing

<b>2.3 Other information</b>
No information available

<b>3. COMPOSITION/INFORMATION ON INGREDIENTS</b>
<b>3.1 Substances</b>
This product does not contain any known hazard ingredient.

<b>4. FIRST AID MEASURES</b>	
<b>4.1 Description of the first aid measures</b>	
<b>Eye contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water.
<b>Ingestion</b>	Clean mouth with water. Drink plenty of water.
<b>Inhalation</b>	Move to fresh air.

<b>4.2 Most important symptoms and effects, both acute and delayed</b>	
<b>Main symptoms</b>	See section 2.2.

<b>4.3 Indication of any immediate medical attention and special treatment needed</b>	
<b>Notes to physician</b>	Treat symptomatically.

<b>5. FIRE-FIGHTING MEASURES</b>
<b>5.1 Existing media</b>
Flash Point: N/A Auto Ignition Temp: N/A Flammability: N/A
<b>Suitable extinguishing media</b>
Suitable: Noncombustible. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Extinguishing media which shall not be used for safety reasons</b>
No information available.

<b>5.2 Special hazards arising from the substance or mixture</b>	
<b>Special hazard</b>	None in particular

<b>5.3 Advice for firefighters</b>
Special protective equipment for fire-fighters: As in any fire, wear self-contained breathing apparatus and full protective gear.

<b>6. ACCIDENTAL RELEASE MEASURES</b>
<b>6.1 Personal precautions, protective equipment, and emergency procedures</b>

Ensure adequate ventilation
See Section 12 for additional information.

<b>6.2 Environmental precautions</b>
Prevent further leakage or spillage if safe to do so.

<b>6.3 Methods and materials for containment and cleaning up</b>
Soak up with inert absorbent material.

<b>7. HANDLING AND STORAGE</b>	
<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>	Phosphate Buffered saline (0.1 M), pH 7.4
<b>Handling</b>	Do not ingest. Wash hands thoroughly after handling.

<b>8. EXPOSURE CONTROLS/ PERSONAL PROTECTION</b>	
<b>Personal Protective Equipment</b>	Lab coat and protective gloves

<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>	
<b>Physical state</b>	Liquid
<b>Odour</b>	Little to none
<b>Solubility in water</b>	Miscible in all proportions
<b>Appearance</b>	Light reddish
<b>Safety data</b>	
<b>pH</b>	No data available
<b>Melting point</b>	
<b>Boiling point</b>	
<b>Flash point</b>	
<b>Ignition temperature</b>	

<b>10. STABILITY AND REACTIVITY</b>	
<b>Chemical stability</b>	No data available
<b>Reactivity</b>	
<b>Hazardous reactions</b>	
<b>Avoid contact conditions</b>	
<b>Incompatible materials</b>	
<b>Hazardous decomposition products</b>	

<b>11. TOXICOLOGICAL INFORMATION</b>	
<b>Inhalation</b>	No data available
<b>Ingestion</b>	
<b>Skin</b>	
<b>Eyes</b>	

<b>Corrosivity</b>	
<b>Sensitization</b>	
<b>Neurological effects</b>	
<b>Reproductive toxicity</b>	
<b>Mutagenic effects</b>	
<b>Target Organ Effects</b>	

<b>12. ECOLOGICAL INFORMATION</b>	
<b>Ecotoxicity effects</b>	Expired product or empty container should be disposed of in suitable Biological Hazard waste as per 13. Disposal Considerations
<b>Persistence and degradability</b>	No data available
<b>Bio-accumulative potential</b>	No data available
<b>Mobility in soil</b>	No data available
<b>Results of PBT and vPvB assessment</b>	No data available
<b>Other adverse effects</b>	No data available

<b>13. DISPOSAL CONSIDERATIONS</b>	
<b>Waste product</b>	Dispose of in a regulated landfill site or other methods for hazardous or toxic wastes in accordance with national, regional, or local legislation.
<b>Contaminated Packaging</b>	

<b>14. TRANSPORTATION INFORMATION</b>	
<b>IATA/ADR/DOT-US/IMDG</b>	Not regulated in the meaning of transport regulations

<b>15. REGULATORY INFORMATION</b>	
<b>15.1 Safety, health, and environmental regulations/legislation specific for the substance or mixture</b>	No data available
<b>15.2 Chemical safety assessment</b>	No data available

<b>SECTION 16 – OTHER INFORMATION</b>	
<b>Revision Date:</b> 06.12.2023	
<b>Version:</b> 2	
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