

# Native Bordetella pertussis toxin/ptxD protein ab274655

### Description

<b>Product name</b>	Native Bordetella pertussis toxin/ptxD protein
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Native
<b>Additional sequence information</b>	Bordetella pertussis, Strain Tohama I. Culture System: Broth culture.

### Specifications

Our **Abpromise guarantee** covers the use of **ab274655** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	ELISA SDS-PAGE
<b>Form</b>	Liquid
<b>Additional notes</b>	<b>Sterility:</b> Whole Bordetella pertussis organisms are removed by sterile filtration. Absence of viable B. Pertussis is confirmed negative by absence of growth under original culture conditions. Since no procedure can guarantee absolute sterility the reagent should be handled with appropriate safety precautions.

### Preparation and Storage

<b>Stability and Storage</b>	Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 50% Glycerol (glycerin, glycerine), 2.9% Sodium chloride, 47.1% Tris HCl
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### General Info

<b>Relevance</b>	Pertussis toxin contains five different chains, S1-S5. They are organized into 2 functional subunits: A, composed of S1 (which is toxic) and B, containing S2, S3, S5, and two copies of S4 (B binds to the membrane receptors). Dimers of S2-S4 and S3-S4 are held together by S5
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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

### **Our Abpromise to you: Quality guaranteed and expert technical support**

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
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- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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