

## Product datasheet

# Recombinant Treponema pallidum p17 protein ab43053

### Description

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<b>Product name</b>	Recombinant Treponema pallidum p17 protein
<b>Biological activity</b>	Immunoreactive with sera of Tr.pallidum - infected individuals.
<b>Purity</b>	> 90 % SDS-PAGE. Inclusion bodies.
<b>Expression system</b>	Escherichia coli
<b>Protein length</b>	Protein fragment
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Additional sequence information</b>	The protein contains the Tr.pallidum p17 immunodominant regions.

### Specifications

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Our **Abpromise guarantee** covers the use of **ab43053** 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 Western blot
<b>Form</b>	Liquid

### Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 48% Urea, 0.0154% DTT, 0.158% Tris HCl, 0.0292% EDTA
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### General Info

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<b>Relevance</b>	Syphilis is a chronic, complex sexually transmitted disease of humans caused by the spirochetal bacterium Treponema pallidum. Primary syphilis is characterized by the prevalence of IgG to protein p41 with the total antibody level being low, while early latent syphilis is characterized mainly by prevalence of IgG to protein p17 in the presence of high titers of antibodies.
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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
- Extensive multi-media technical resources to help you
- 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.

### **Terms and conditions**

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