

Product datasheet

Recombinant Treponema Membrane Protein A (Beta-Galactosidase) ab54101

Overview

Product name	Recombinant Treponema Membrane Protein A (Beta-Galactosidase)
Protein length	Full length protein

Description

Nature	Recombinant
Source	Escherichia coli
Amino Acid Sequence	
Additional sequence information	Fused with β -galactosidase at the N-terminus.

Specifications

Our [Abpromise guarantee](#) covers the use of **ab54101** in the following tested applications.

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

Biological activity	Reacts strongly with human T. pallidum positive serum.
Applications	Western blot ELISA Flow Cytometry SDS-PAGE
Purity	> 95 % SDS-PAGE.
Form	Liquid
Additional notes	Reacts strongly with human T. pallidum positive serum.

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 48% Urea, 0.078% Beta mercaptoethanol, 0.316% Tris HCl
------------------------------	---

General Info

Relevance

Treponema pallidum is a gram-negative spirochaete bacterium and is considered to be metabolically crippled. There is no vaccine for syphilis. The outer membrane of T. pallidum has too few surface proteins for an antibody to be effective. Efforts to develop a safe and effective syphilis vaccine have been hindered by uncertainty about the relative importance of humoral and cellular mechanisms to protective immunity and the fact that T. pallidum outer membrane proteins have not been unambiguously identified.

Cellular localization

Cell Membrane

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

Our Abpromise to you: Quality guaranteed and expert technical support

- 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

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors