

Product datasheet for **BIN099**

Treponema pallidum (TmpA) Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Treponema pallidum (TmpA) recombinant protein, 0.1 mg
Expression Host:	E. coli
Concentration:	lot specific
Purity:	>95% Inclusion bodies followed by 2-step ion exchange chromatography.
Buffer:	Presentation State: Purified State: Liquid purified fraction (>95% pure by SDS-PAGE). Buffer System: 8 M Urea, 20 mM Tris-HCl, pH 8.0, 10 mM beta-mercaptoethanol, containing no preservatives.
Preparation:	Liquid purified fraction (>95% pure by SDS-PAGE).
Applications:	Suitable for use in ELISA, Western blot and Immunochromatographic assays.
Protein Description:	Treponema pallidum, Treponemal membrane Protein A (TmpA), Recombinant, Full length. Reacts strongly with human T. pallidum positive serum. 42 kDa with Beta-galactosidase (114 kDa) fused at the N-terminus.
Storage:	Store at 2-8°C. DO NOT FREEZE!!
Stability:	Shelf life: six months from despatch.
Summary:	Treponema pallidum is the causative agent of syphilis. It is a gram negative spirochete, a helical to sinusoidal bacterium with outer and cytoplasmic membranes, a thin peptidoglycan layer, and periplasmic flagella.
Protein Families:	Suitable for use in ELISA, Western blot and Immunochromatographic assays.



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