

Product datasheet for **BIN095**

Treponema pallidum (p17) Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Treponema pallidum (p17) recombinant protein, 0.1 mg
Expression Host:	E. coli
Concentration:	lot specific
Purity:	>95% pure (SDS-PAGE) 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 and Western blot
Protein Description:	Treponema pallidum p17 Antigen, Recombinant, Full length. Reacts strongly with human T. pallidum positive serum. Beta-galactosidase (114 kDa) fused at the N-terminus.
Storage:	Store the antigen at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid multiple freeze/thaw cycles.
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 and Western blot



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