

Datasheet for ABIN935861

Treponemal Membrane Protein A Protein (TMPA)

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Overview

Quantity:	100 µg
Target:	Treponemal Membrane Protein A (TMPA)
Origin:	Treponema pallidum
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	Western Blotting (WB), ELISA

Product Details

Characteristics:	Purified recombinant Treponema pallidum TmpA protein Expression System: E.coli
Purification:	Proprietary chromatographic technique
Purity:	> 95 % pure

Target Details

Target:	Treponemal Membrane Protein A (TMPA)
Alternative Name:	Treponema Pallidum TmpA (TMPA Products)
Background:	Treponema pallidum is a gram-negative spirochaete bacterium and is considered to be metabolically crippled. There are at least four known subspecies: T. pallidum pallidum, T. pallidum pertenuis, T. pallidum carateum and T. pallidum endemicum. The helical structure of T. pallidum pallidum allows it to move in a corkscrew motion through viscous mediums such as mucus. Treponema pallidum sub sp. pallidum has one of the smallest bacterial genomes at

Target Details

1.14 million base pairs (Mb) and has limited metabolic capabilities, reflecting its adaptation through genome reduction to the rich environment of mammalian tissue.

Alternative Names: T. pallidum TmpA protein

Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Buffer: 10 mM tris-HCl, pH8.0, with 20 mM DDT, 0 mM EDTA and 8 M urea.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C for short term storage. Aliquot and store at -20 °C for long term storage.