

Treponema pallidum p17 Recombinant Protein

Treponema pallidum p17 protein

CATALOG # AAA75457	HOST Viral	APPLICATIONS Western Blot, ELISA
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PRODUCT SYNONYMS

Treponema pallidum p17; Treponema pallidum p17 protein; T. pallidum p17 protein; Treponema pallidum p17 recombinant protein

PRODUCT SPECIFICATIONS

Host	Viral
Purity/Purification	> 90% pure Treponema pallidum p17 protein was purified by a proprietary chromatographic technique.
Form/Format	8M urea, 20mM tris-HCl, pH-8 with 10mM B-ME.
Applicable Applications for Treponema pallidum p17 recombinant protein	WB (Western Blot), ELISA
Protein Type	Recombinant
Biological Significance	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 pertenue, 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 1.14 million base pairs (Mb) and has limited metabolic capabilities, reflecting its adaptation through genome reduction to the rich environment of mammalian tissue.
Expression System	E Coli
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for Treponema pallidum p17 recombinant protein	Purified recombinant Treponema pallidum p17 protein
Product Categories/Family for Treponema pallidum p17 recombinant protein	Infectious Disease

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/treponema-pallidum-p17-recombinant-protein-viral-wb-western-blot-elisa/75457>