

P17 recombinant protein

Treponema pallidum P17

CATALOG # AAA77988	HOST E. coli	APPLICATIONS Rapid Test, IA (Immunoassay)
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PRODUCT SYNONYMS

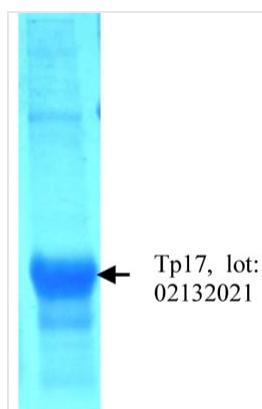
P17; Treponema pallidum P17; Recombinant syphilis Treponema pallidum TP17.

TP17 is a component of Treponema pallidum membrane; protein detecting over 90% antibody from the samples from infected individuals. Recombinant TP17 IS derived from full length TP17 gene with 139 amino acids; a 6x histidine tag linked at its C-terminal It migrates at 19kDa position on SDS-PAGE gel with isoelectric point 8.7.; P17 recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Purity/Purification	>95% pure (10% SDS-PAGE, Coomassie blue stain).
Form/Format	Purified, Liquid PBS with 25mM K ₂ CO ₃
Concentration	3.14 mg/ml (varies by lot)
Applicable Applications for P17 recombinant protein	Rapid Test, IA (Immunoassay)
Protein Structure	Recombinant protein is derived from full length TP17 gene with 139 amino acids, a 6 x histidine tag linked at its C-terminal. It migrates at 22 kDa position with isoelectric point 8.7.
Important Note	Centrifuge before opening to ensure complete recovery of vial contents.
Preparation and Storage	Store in 4 degree C for short time only, aliquot to avoid repeated freezing and thawing, store at -20°C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for P17 recombinant protein	Syphilis is a sexual transmitted disease, alos transmitted by blood transfusion and through the placenta from mother to baby. It was reported by WHO that there were 10.6 million new cases of syphilis in 2008. Sensitive and accurate identification is a crucial point for the prevention and treatment of this disease. TP17 is a bacteria Treponema pallidun membrane protein with 90% sensitivity in the test.
Product Categories/Family for P17 recombinant protein	Syphilis

NCBI AND UNIPROT INFORMATION

Molecular Weight	22kDa
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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://www.aaabiotech.com/p17-recombinant-protein-e-coli-rapid-test-ia-immunoassay/77988>