

P47 recombinant protein

Treponema pallidum P47

CATALOG #
AAA78000

PRODUCT SYNONYMS

P47; Treponema pallidum P47; P47 recombinant protein

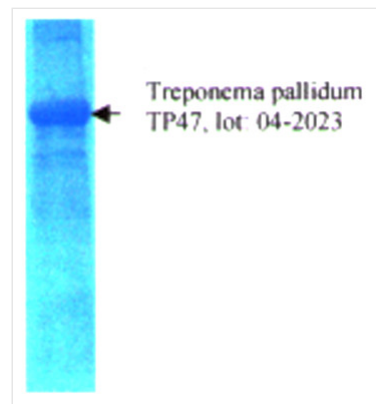
PRODUCT SPECIFICATIONS

Purity/Purification	>95% pure (SDS-PAGE, Coomassie blue stain)
Form/Format	Purified, Liquid. PBS with 25mM K2CO3.
Concentration	2.23 mg/ml (lot: 102021) (varies by lot)
Source	E Coli
Important Note	Centrifuge before opening to ensure complete recovery of vial contents.
Protein Construct	Recombinant TP47 is derived from full length TPN47 gene, a 6x histidine tag linked at its C-terminal. It has molecular weight 47kDa with isoelectric point 5.86
Preparation and Storage	Store in 4°C for short time only, aliquot to avoid repeated freezing and thawing, store at -20°C.

IMAGES

Protein concentration	25ug	6.25ug	1.56ug	0.40ug	0.01ug	ug/ml
Coated protein	3.75ug	0.94ug	234ng	176ng	132ng	
Tp47	0.989	1.23	0.956	0.855	0.763	Syphilis 230101
Tp47	0.189	0.194	0.105	0.193	0.157	Normal serum
Signal / Background	5.23	6.34	9.10	4.43	4.85	

Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for P47 recombinant protein	Syphilis is a sexual transmitted disease, also 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. TP47 is a bacteria treponema pallidum membrane protein with 90% sensitivity in the test.
Product Categories/Family for P47 recombinant protein	Syphilis

NCBI AND UNIPROT INFORMATION

Molecular Weight	47kDa
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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://stage.aaabiotech.com/p47-recombinant-protein/78000>