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32-13837: Treponema TP0453

Alternative Name : Outer membrane protein TP0453, 30kLP, TP_0453, TPANIC_0453

Description

Source:Escherichia Coli.
Physical Appearance:Sterile Filtered clear solution.
Biological Activitynull
Tp0453 is a carrier of lipids and glycolipids during outer membrane. Tp045 is hypothesized to be a new type of bacterial outer membrane protein, which reduces T.pallidum outer membrane permeability to nutrients while remaining inaccessible to antibodies. Tp0453 exhibited 100% specificity and sensitivity in reaction with syphilis patientsÂ’ sera, giving negative result with Lyme disease, relapsing-fever or leptospirosis patientsÂ’ sera.
Recombinant Treponema pallidum Outer Membrane Protein TP0453 has a Mw of 26kDa, and was purified from E. coli.The Recombinant Treponema pallidum Outer Membrane Protein TP0453 is fused to 6 amino acid His tag at its C terminal and purified by proprietary chromatographic technique.

Product Info

Amount :	0.5 mg / 100 µg
Purification :	Protein is >95% pure as determined by SDS-PAGE (coomassie staining).
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks.Store, frozen at -20°C for longer periods of time.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.