

## 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 Activity: null

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 patients' sera, giving negative result with Lyme disease, relapsing-fever or leptospirosis patients' 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.