

32-13601: Treponema p17 22kDa

Alternative Name :

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.

Description

Source: Escherichia Coli.
Sterile Filtered solution.

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Recombinant Treponema pallidum p17 derived from full length TP17 gene containing 139 aa produced in E.Coli and fused to a 6xHis tag at C-terminus. The total Mw is 22kDa and the pl is 8.7, was purified by proprietary chromatographic techniques.

Product Info

Amount :	100 µg / 0.5 mg
Purification :	Treponema p17 22kDa is >95% pure as determined by 10% PAGE (coomassie staining).
Content :	Treponema p17 22kDa protein solution contains PBS 50mM arginine.
Storage condition :	Treponema p17 22kDa protein although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.