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32-5546: Recombinant Treponema pallidum p15 (partial)

Description

Source : The E.Coli derived recombinant protein is fused at N-terminus with GST tag and contains the Trp. Pallidum p15 immunodominant regions. 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.

Product Info

Amount :	0.5 mg
Purification :	Treponema Pallidum protein is >95% pure as determined by 10% PAGE (coomassie staining).
Content :	70mM Tris-HCl pH-8, 84mM NaCl, 14mM Glutathione, 30% Glycerol & 0.2% Sarcosil.
Storage condition :	Treponema Pallidum protein although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

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