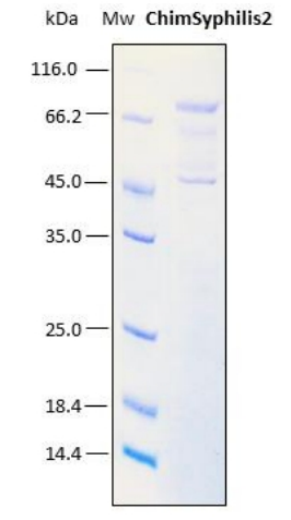
Recombinant Treponema pallidum Tpp15 and TmpA Antigen, His tagged, Biotinylated

Cat. No. Tpp15-054T **Lot. No.** (See product label)

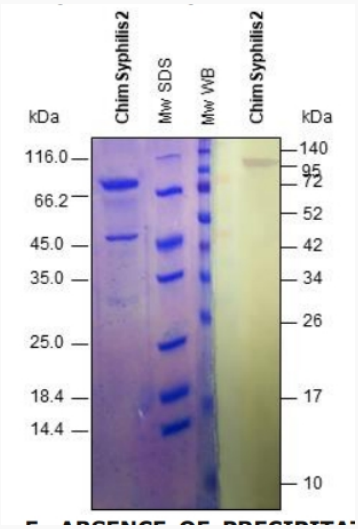
SPECIFICATION

Product Overview	A recombinant multi-epitope chimeric antigen has been prepared by expressing Tpp15 and TmpA proteins of the spirochete Treponema pallidum.
Species	Treponema pallidum
Source	E.coli
Tag	C-His
Conjugation/Label	Biotin
Molecular Mass	Determined by SDS-PAGE, the protein band is between the molecular markers of 116 kDa and 66.2 kDa, while relative molecular mass calculated from amino acid sequence is 68,372.94 Da.
Purity	> 95% by observation on SDS-PAGE electrophoresis
Applications	WB, DB, CE, DAS, NP, PO
Storage	Upon arrival, it should be aliquoted to avoid repeated freezing and thawing cycles and stored at -20 to -80 centigrade. In order to defrost the protein, maintain the aliquot at 25 centigrade without shaking to avoid aggregation.
Storage Buffer	20 mM phosphate buffer pH 8, 0.15 M NaCl and 0.1% polyoxyethylene (10) tridecyl

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Concentration	1.33 mg/mL
Shipping	Protein is shipped with dry ice.
Reference	1. Gill SC, von Hippel PH. Calculation of protein extinction coefficients from amino acid sequence data. Anal Biochem. 1989 Nov 1;182(2):319-26.
Conjugation	Biotin
Purity	 SDS-PAGE analysis (12%) of 3 µL of recombinant ChimSyphilis2. Purity is > 95% as determined by gel electrophoresis.

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WB	 Western blot analysis to detect streptavidin /biotin reaction. The incubation was performed with HRP conjugated streptavidin (1:2500).

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