

## Recombinant *Treponema pallidum* (Syphilis) p17 Protein

Cat. No. p17-84T Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	This recombinant protein contains full length of <i>Treponema pallidum</i> (Syphilis) p17 protein with a MW of 42 kDa. It is recognized by positive samples in ELISA tests.
<b>Species</b>	<i>Treponema pallidum</i>
<b>Source</b>	E.coli
<b>Description</b>	<i>Treponema pallidum</i> is a spirochaete bacterium with various subspecies that cause the diseases syphilis, bejel, and yaws. It is transmitted only amongst humans. It is a helically coiled microorganism usually 6–15 µm long and 0.1–0.2 µm wide. It is not seen on a Gram stained smear because the organism is too thin. P17 is a 17-kDa major membrane lipoprotein of <i>Treponema pallidum</i> .
<b>Form</b>	Affinity purified, liquid
<b>Molecular Mass</b>	42 kDa
<b>Purity</b>	>95% pure by SDS-PAGE
<b>Applications</b>	Suitable for use in ELISA, Lateral Flow, WB, and other immune tests.
<b>Storage</b>	Upon receipt, quick spin before open vial, aliquot and store at ≤ -20 centigrade. Avoid multiple freeze/thaw cycles
<b>Storage Buffer</b>	Tris-buffered saline, pH 8.0

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**Preservative** 0.1% ProClin 300

**Full Length** Full L.

## GENE INFORMATION

**Synonyms** p17; Treponema Pallidum p17; T. Pallidum p17

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