

## Recombinant Treponema pallidum (Syphilis) p15 Protein

Cat. No. p15-82T    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | This recombinant protein contains full length of Treponema pallidum (Syphilis) p15 protein with a MW of 41.6 kDa. It is recognized by positive samples in ELISA tests.                                                                                                                                                    |
| <b>Species</b>          | Treponema pallidum                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | Treponema pallidum 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. |
| <b>Form</b>             | Affinity purified, liquid                                                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | 41.6 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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|---------------------|------------------|
| <b>Preservative</b> | 0.1% ProClin 300 |
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|                    |         |
|--------------------|---------|
| <b>Full Length</b> | Full L. |
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## GENE INFORMATION

|                 |                                                                                                                                                                                                          |
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| <b>Synonyms</b> | p15; 15 kDa lipoprotein; 15 kDa lipoprotein precursor (Major membrane immunogen); Major membrane immunogen; tpp15; Treponema Pallidum Lipoprotein Immunogen p15; T. pallidum p15; Treponema pallidum p15 |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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