

# Recombinant Treponema pallidum p47 Protein, His&GST tagged

**Cat. No.** p47-12T    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Treponema pallidum p47 recombinant protein containing a GST-tag and His-tag in its N-Terminus.                                                                                                                                                                |
| <b>Species</b>          | Treponema pallidum                                                                                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                        |
| <b>Description</b>      | The Treponema pallidum subsp. pallidum membrane protein Tp47 is considered a major inducer of inflammation initiation and development.                                                                                                                        |
| <b>Tag</b>              | N-GST and His                                                                                                                                                                                                                                                 |
| <b>Form</b>             | Purified Liquid                                                                                                                                                                                                                                               |
| <b>Molecular Mass</b>   | 79.8 kDa                                                                                                                                                                                                                                                      |
| <b>Purity</b>           | ≥ 95% pure (SDS-PAGE).                                                                                                                                                                                                                                        |
| <b>Applications</b>     | Suitable for use in ELISA, Lateral Flow and Western Blot. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded. |
| <b>Storage</b>          | Upon receipt, store at -20 to -80 centigrade. Avoid multiple/freeze thaw cycles.                                                                                                                                                                              |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                      |                                     |
|----------------------|-------------------------------------|
| <b>Concentration</b> | 1.00 mg/mL (OD280nm, E0.1% = 1.190) |
|----------------------|-------------------------------------|

|                       |                                                                                                           |
|-----------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Storage Buffer</b> | 20 mM Phosphate Buffer, pH 8 containing 1 M Sodium Chloride, 5 mM Ethylenediaminetetraacetic Acid (EDTA). |
|-----------------------|-----------------------------------------------------------------------------------------------------------|

## GENE INFORMATION

|                        |     |
|------------------------|-----|
| <b>Official Symbol</b> | p47 |
|------------------------|-----|

|                 |           |
|-----------------|-----------|
| <b>Synonyms</b> | p47; Tp47 |
|-----------------|-----------|

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA