

## Recombinant Chlamydia trachomatis CTW2 protein, His-tagged

Cat. No. CTW2-914C    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | E.coli derived recombinant. W2 recombinant antigen contains MOMP immunodominant region (66-165aa).                                                                                                                                                                                                                                                                                                        |
| <b>Species</b>          | Chlamydia trachomatis                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>ProteinLength</b>    | aa66-165                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Description</b>      | Chlamydia is a common term for infection with any bacterium belonging to the phylum Chlamydiae. This term derives from the name of the bacterial genus Chlamydia in the family Chlamydiaceae, order Chlamydiales, class and phylum Chlamydiae. There are two genera in Chlamydiaceae: Chlamydia and Chlamydophila. The genus Chlamydia includes three species: C. trachomatis, C. muridarum, and C. suis. |
| <b>Purity</b>           | >90% pure; Purity of proteins is evaluated by SDS-PAGE                                                                                                                                                                                                                                                                                                                                                    |
| <b>Applications</b>     | ELISA, WB, Flow-Through                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Storage</b>          | Long Term: -80°C; Short Term: 4°C                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Concentration</b>    | ~ 1 mg/ml; bulk amount available upon request.                                                                                                                                                                                                                                                                                                                                                            |
| <b>Storage buffer</b>   | 1.5 M Urea; 20 mM Tris-HCL pH 7.2; 50% glycerol.                                                                                                                                                                                                                                                                                                                                                          |

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Shipping

Wet ice

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