

## Recombinant Chlamidia Trachomatis HSP1 Protein (aa 462-503)

<b>Catalog No.</b>	CSI15688A CSI15688B CSI15688C	<b>Quantity:</b>	100 µg 0.5 mg 1.0 mg
<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. The <i>E.coli</i> derived recombinant protein contains Chlamydia Trachomatis HSP70 protein epitopes, 462-503 amino acids.		
<b>Source:</b>	<i>E. coli</i>		
<b>Formulation:</b>	50 mM Tris-HCl + pH 8.0 + 60 mM NaCl + 8 M Urea and 50% glycerol.		
<b>Purity:</b>	Chlamydia HSP70 protein is >95% pure as determined by 10% PAGE (coomassie staining) and RP-HPLC.		
<b>Purity Method:</b>	Chlamydia HSP70 protein was purified by proprietary chromatographic technique.		
<b>Specificity:</b>	Immunoreactive with sera of Chlamydia Trachomatis infected individuals.		
<b>Applications:</b>	Chlamydia HSP70 protein is suitable for use in ELISA. 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 &amp; Stability:</b>	Chlamydia HSP70 although stable at 4°C for 1 week, should be stored below -18°C. <b>Please prevent freeze thaw cycles.</b>		

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