



## Product Datasheet

<b>Product Name</b>	Recombinant Chlamydia Trachomatis HSP70 (462-503 a.a.)
<b>Cata No</b>	CB500088
<b>Source</b>	E.coli
<b>Synonyms</b>	

### Description

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 E.coli derived recombinant protein contains Chlamydia Trachomatis HSP70 protein epitopes, 462-503 amino acids.

### Purity

Chlamydia HSP70 protein is >95% pure as determined by 10% PAGE (coomassie staining) and

RP-HPLC.

### Formulation

50mM Tris-HCl, pH 8.0, 8M Urea, 60 mM NaCl and 50% glycerol.

### Stability

Five years frozen. One month in solution at room temperature.

### Application

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.