



# Recombinant Chlamydia trachomatis Large cysteine-rich periplasmic protein OmcB (omcB), partial

<b>Product Code</b>	CSB-EP315528DSD
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P0CC04
<b>Relevance</b>	In elementary bodies (EBs, the infectious stage, which is able to survive outside the host cell) provides the structural integrity of the outer envelope through disulfide cross-links with the small cysteine-rich protein and the major outer membrane protein. It has been described in publications as the Sarkosyl-insoluble COMC (Chlamydia outer membrane complex), and serves as the functional equivalent of peptidoglycan.
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Chlamydia trachomatis (strain D/UW-3/Cx)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	LADTKAKDNTSHKSKKARKNHSKETPVDRKEVAPVHESKATGPKQDSCFGRM YTVKVNDNRNVEITQAVPEYATVGSPYPIEITATGKRDCVDVIITQQLPCEAEFV RSDPATTPTADGKLVWKIDRLGQGGEKSKITVWVKPLKEGCCFTAATVCA
<b>Research Area</b>	Microbiology
<b>Source</b>	E.coli
<b>Target Names</b>	omcB
<b>Expression Region</b>	41-196aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-SUMO-tagged
<b>Mol. Weight</b>	33.16kDa
<b>Protein Length</b>	Partial
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.