



# Recombinant Chlamydia pneumoniae Major outer membrane porin (ompA)

<b>Product Code</b>	CSB-EP333258DRZ
<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 large cysteine-rich periplasmic protein. It has been described in publications as the Sarkosyl-insoluble COMC (Chlamydia outer membrane complex), and serves as the functional equivalent of peptidoglycan. Permits diffusion of specific solutes through the outer membrane.
<b>Abbreviation</b>	Recombinant Chlamydia pneumoniae ompA protein
<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>	P27455
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Chlamydia pneumoniae (Chlamydomphila pneumoniae)
<b>Purity</b>	≥ 90% as determined by SDS-PAGE.
<b>Sequence</b>	LPVGNPSDPSLLIDGTIWEAGAAGDPCDPCATWCDAISLRAGFYGDYVFDRIK VDAPKTFSMGAKPTGSAAANYTTAVDRPNPAYNKHLHDAEWFTNAGFIALNIW DRFDVFCTLGASNGYIRGNSTAFNLVGLFGVKGTTVNANELPNVSLNSGVVEL YTDTSFSWSVGARGALWECGCATLGAEFQYAQSKPKVEELNVICNVSQFSVN KPKGKGVAFPLPTDAGVATATGTKSATINYHEWQVGASLSYRLNSLVPYIGV QWSRATFDADNIRIAQPKLPTAVLNLTAWNPSLLGNATALSTTDSFSDFMQIVS CQINKFKSRKACGVTVGATLVDADKWSLTAEARLINERAAHVSGQFRF
<b>Research Area</b>	Others
<b>Source</b>	E.coli
<b>Target Names</b>	ompA
<b>Protein Names</b>	Recommended name: Major outer membrane porin Short name= MOMP
<b>Expression Region</b>	24-389aa
<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>	55.3kDa
<b>Protein Length</b>	Full Length of Mature Protein
<b>Image</b>	

