Catalog Number:

EGPS077D-50, EGPS077D-100

Cite ID#:

EN5925949，EN5925950

Amount:

50ug, 100ug

Other names:

Large-CRP;60 kDa cysteine-rich OMP;60 kDa CRP;60 kDa outer membrane protein；Cysteine-rich outer membrane protein

Background:

Chlamydia pneumoniae, a human pathogen causing respiratory infections and most likely contributing to the development of atherosclerosis and heart disease, is an obligate intracellular parasite which for replication needs to productively interact with and enter human cells.

Expression system:

omcB，produced in E.coli is a single non-glycosylated polypeptide chain containing 156 amino acids. A fully biologically active molecule has a molecular mass of 17.3kDa. The apparent molecular mass of the protein is approximately 21kDa analyzed by reducing SDS-PAGE and is obtained by chromatographic techniques.

Species:

Chlamydia pneumoniae

Source:

E. coli

Amino acid sequence:

SAETKPAPVPMTAKKVRLVRRNKQPVEQKSRGAFCDKEFYPCEEGRCQPVEAQQESCYGRLYSVKVNDDCNVEICQSVPEYATVGSPYPIEILAIGKKDCVDVVITQQLPCEAEFVSSDPETTPTSDGKLVWKI

Accession #:

P23700

Molecular Weight:

17.3kDa. The apparent molecular mass of the protein is approximately 21kDa with 6XHis tag observed by reducing SDS-PAGE.

Purity:

> 90% as analyzed by SDS-PAGE. The concentration is 2.2mg/ml.

Formulation:

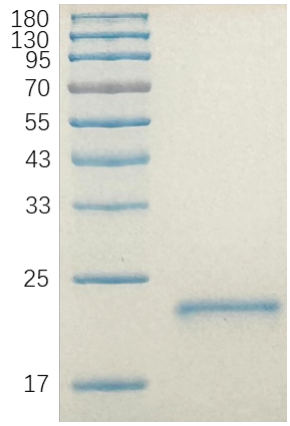
Purified protein solution after extensive dialysis against PBS，pH 7.4.

Endotoxin:

Less than 0.2 EU/μg determined by LAL test.

Storage/Stability:

Samples are stable for up to twelve months from date of receipt at -20℃ to -80℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.



SDS-PAGE of omcB (Cat#:EGPS077D).