

# Chlamydia Pneumonia Recombinant Protein



RPPB5404

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## Product Information    Protein Information

**Product SKU:**

RPPB5404

**Host:**

Escherichia Coli.

**Protein description:**

Recombinant Chlamydia pneumonia antigen, produced in E.coli is derived from VD2-VD3 region of the CP major outer membrane protein (this region is recognized only by Chlamydia pneumonia antibody), it contains 160 amino acids and fused with a His Tag at C-terminus, having a MW of about 21.5kDa, the protein forms a monomer and a dimer on SDS-PAGE gel, the majority of the protein forms a dimer, which migrates at a MW of 42kDa. Chlamydia pneumonia is purified by proprietary chromatographic technique.

**Appearance:**

Sterile filtered colorless solution.

**Formulation:**

PBS buffer and 25mM arginine.

**Purity:**

Protein is >95% pure as determined by 10% PAGE (coomassie staining).

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.