

Small cysteine-rich outer membrane protein omcA (omcA) Recombinant Protein | omcA recombinant protein

Recombinant Chlamydia trachomatis Small cysteine-rich outer membrane protein omcA (omcA)

CATALOG # AAA115755	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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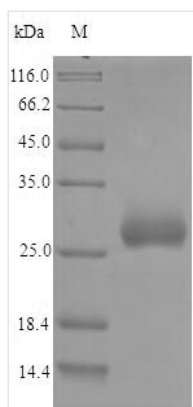
PRODUCT SYNONYMS

Small cysteine-rich outer membrane protein omcA (omcA); Recombinant Chlamydia trachomatis Small cysteine-rich outer membrane protein omcA (omcA); Small cysteine-rich outer membrane protein omcA; Small-CRP; 9 kDa cysteine-rich lipoprotein; 9kDa-CRP; omcA recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	19-88aa; Full Length of Mature Protein
Sequence	CCRIVDCCFE DPCAPIQCSP CESKKKDVDG GCNSCNGYVP ACKPCGGDTH QDAKHGPQAR GIPVDGKCRQ
Sequence Length	88
Species	Chlamydia trachomatis (strain D/UW-3/Cx)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for omcA recombinant protein	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 large cysteine-rich periplasmic protein and the major outer membrane porin. It has been described in publications as the Sarkosyl-insoluble COMC (Chlamydia outer membrane complex), and serves as the functional equivalent of peptidoglycan (By similarity).
Product Categories/Family for omcA recombinant protein	Microbiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	15605170
NCBI GeneID	884216
NCBI Accession #	NP_219956.1
NCBI GenBank Nucleotide #	NC_000117.1
UniProt Accession #	P0CC05; P21355; Q57433
Molecular Weight	23.4 kDa
NCBI Official Full Name	cysteine-rich lipoprotein OmcA
NCBI Official Symbol	omcA
NCBI Protein Information	cysteine-rich lipoprotein OmcA
UniProt Protein Name	Small cysteine-rich outer membrane protein OmcA
UniProt Gene Name	omcA
UniProt Synonym Gene Names	omp2A; omp3; Small-CRP; 9kDa-CRP
UniProt Entry Name	OMCA_CHLTR

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/omca-recombinant-protein-e-coli/115755>