



Recombinant Legionella pneumophila subsp. pneumophila 3-phosphoshikimate 1-carboxyvinyltransferase (aroA)

Product Code	CSB-BP733600LDL
Abbreviation	aroA
Storage	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.
Uniprot No.	Q5ZVM1
Product Type	Recombinant Protein
Immunogen Species	Legionella pneumophila subsp. pneumophila (strain Philadelphia 1 / ATCC 33152 / DSM 7513)
Purity	≥85% (SDS-PAGE)
Sequence	MLNFISKPVG CLKGEITVPG DKSISHRSII FGAIAIGTSV IDGFLDGEDC IATLKAFQSM GVRIEGPDKQ RVIIHGVGKY GLKQPQNIID CGNSGTSMRL LAGLLAAQQF DSQLTGDESL LKRPMRLISR PLSQMGADVT TQDGKPPIVI KGGKKLNGIH YVMPEASQV KSCLLLAGMY AEGQTKITEN AVSRDHTERM LRTFSYPVQI QDGAIIDCN GECHGTRLNI PGDISSAAFF IVAASITPGS DVLIRNVGIN PTRTGIIHIL TEMGADIRVL NQRAYGEEPV ADLHIRYSQL KGIDIPASMV PLAIDEFPVI FIAACAQ GK TTLHGAKELR LKESDRIGAM VDGLNQLGVH AEGFDDGILI EGGSIQGGEV NSRGDHRIAM SFAIAGAVAS APVTIKNCAN VATSFPSFVT TANMLHFQIE EYS
Source	Baculovirus
Target Names	aroA
Protein Names	Recommended name: 3-phosphoshikimate 1-carboxyvinyltransferase EC= 2.5.1.19 Alternative name(s): 5-enolpyruvylshikimate-3-phosphate synthase Short name= EPSP synthase Short name= EPSPS
Expression Region	1-433
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.



Shelf Life

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.