



# Recombinant Salmonella typhimurium 3-phosphoshikimate 1-carboxyvinyltransferase (aroA)

<b>Product Code</b>	CSB-EP362185SXB-B
<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>	P07637
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Salmonella typhimurium (strain LT2 / SGSC1412 / ATCC 700720)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MESLTLQPIA RVDGAINLPG SKSVSNRALL LAALACGKTA LTNLLDSDDV RHMLNALSAL GINYTLSADR TRCDITGNGG ALRAPGALEL FLGNAGTAMR PLAAALCLGQ NEIVLTGEPR MKERPIGHLV DSLRQGGANI DYLEQENYPP LRLRGGFTGG DIEVDGSVSS QFLTALLMTA PLAPKDTIIR VKGELVSKPY IDITLNLTKT FGVEIANHHY QQFVVKGGQQ YHSPGRYLVE GDASSASYFL AAGAIKGGTV KVTGIGRKSM QGDIRFADVL EKMGATITWG DDFIACRGE LHAIDMDMNH IPDAAMTIAT TALFAKGTTT LRNIYNWRVK ETDRLFAMAT ELRKVGAEVE EGHDIYRITP PAKLQHADIG TYNDHRMAMC FSLVALSDTP VTILDPKCTA KTFPDYFEQL ARMSTPA
<b>Source</b>	E.coli
<b>Target Names</b>	aroA
<b>Protein Names</b>	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
<b>Expression Region</b>	1-427
<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>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</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.