



Recombinant Escherichia coli 3-phosphoshikimate 1-carboxyvinyltransferase (aroA)

Product Code	CSB-EP512207ENU-B
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.	C4ZQ34
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12 / MC4100 / BW2952)
Purity	>85% (SDS-PAGE)
Sequence	MESLTLQPIA RVDGTINLPG SKSVSNRALL LAALAHGKTV LTNLLDSDDV RHMLNALTAL GVSYTLSADR TRCEIIGNGG PLHAEGALEL FLGNAGTAMR PLAAALCLGS NDIVLTGEPR MKERPIGHLV DALRLGGAKI TYLEQENYPP LRLQGGFTGG NVDVDGSVSS QFLTALLMTA PLAPEDTVIR IKGDLVSKPY IDITLNLTKT FGVEIENQHY QQFVVKGGQS YQSPGTYLVE GDASSASYFL AAAAIKGGTV KVTGIGRNSM QGDIRFADVL EKMGATICWG DDYISCTRGE LNAIDMDMNH IPDAAMTIAT AALFAKGTTT LRNIYNWRVK ETDRLFAMAT ELRKVGAEVE EGHDIYRITP PEKLNFAEIA TYNDHRMAMC FSLVALSDTP VTILDPKCTA KTFPDYFEQL ARISQAA
Source	E.coli
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	1-427
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.