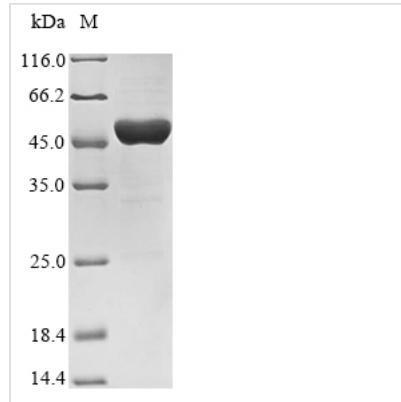




# Recombinant Escherichia coli 3-phosphoshikimate 1-carboxyvinyltransferase (aroA)

<b>Product Code</b>	CSB-EP363843ENV
<b>Abbreviation</b>	Recombinant E.coli aroA protein
<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>	P0A6D3
<b>Storage Buffer</b>	Tris-based buffer,50% glycerol
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	≥ 85% as determined by SDS-PAGE.
<b>Sequence</b>	MESLTLQPIARVDGTINLPGSKSVSNRALLLAALAHGKTVLTNLLDSDDVRHML NALTALGVSYTLSADRTRCEIIGNGGPLHAEGALELFLGNAGTAMRPLAAALCL GSNDIVLTGEPKMKERPIGHLVDALRLGGAKITYLEQENYPPLRLQGGFTGGN VDVDGSVSSQFLTALLMTAPLAPEDTVIRIKGDLVSKPYIDITLNLMTKTFGVEIEN QHYQQFVVKGGQSYQSPGTYLVEGDASSASYFLAAAAIKGGTVKVTGIGRNS MQGDIRFADVLEKMGATICWGDDYISCTRGELNAIDMDMNHIPDAAMTIATAAL FAKGTTTTLRNIYNWRVKETDRLFAMATELRKVGAEVEEGHDYIRITPPEKLNFA EIATYNDHRMAMCFSLVALSDTPVTILDPKCTAKTFPDYFEQLARISQAA
<b>Research Area</b>	Others
<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>	1-427aa
<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>	N-terminal 10xHis-tagged and C-terminal Myc-tagged
<b>Mol. Weight</b>	53.5 kDa
<b>Protein Length</b>	Full Length
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

### 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.