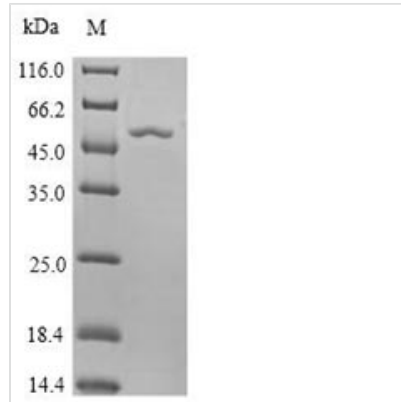




# Recombinant Agrobacterium sp. 3-phosphoshikimate 1-carboxyvinyltransferase (aroA)

|                          |  |
|--------------------------|--|
| <b>Product Code</b>      | CSB-MP870830ALAE   |
| <b>Relevance</b>         | Catalyzes the transfer of the enolpyruvyl moiety of phosphoenolpyruvate (PEP) to the 5-hydroxyl of shikimate-3-phosphate (S3P) to produce enolpyruvyl shikimate-3-phosphate and inorganic phosphate.   |
| <b>Abbreviation</b>      | Recombinant Agrobacterium sp. 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>       | Q9R4E4   |
| <b>Product Type</b>      | Recombinant Proteins   |
| <b>Immunogen Species</b> | Agrobacterium sp. (strain CP4)   |
| <b>Purity</b>            | Greater than 90% as determined by SDS-PAGE.  |
| <b>Sequence</b>          | MSHGASSRPATARKSSGLSGTVRIPGDKSISHRSFMFGGLASGETRITGLLEG<br>EDVINTGKAMQAMGARIRKEGDTWIIDGVGNGGLLAPEAPLDFGNAATGCRLT<br>MGLVGVYDFDSTFIGDASLTKRPMGRVNLNPLREMGVQVKSEDGDRLPVTLRG<br>PKTPTPITYRVPMASAQVKSAYLLAGLNTPGITTVIEPIMTRDHTKMLQGFGA<br>NLTVETDADGVRTIRLEGRGKLTGQVIDVPGDPSSTAFPLVAALLVPGSDVTIL<br>NVLMPNTRTGLLTLQEMGADIEVINPRLAGGEDVADLRVRSSTLKGVTVPEDR<br>APSMIDEYPILAVAAAFAGATVMNGLEELRVKESDRLSAVANGLKLNQVDCD<br>EGETSLVVRGRPDGKGLGNASGAAVATHLDHRIAMSFLVMGLVSENPTVDD<br>ATMIATSFPEFMDLMAGLGAKIELSDTKAA |
| <b>Research Area</b>     | Others   |
| <b>Source</b>            | Mammalian cell   |
| <b>Target Names</b>      | aroA   |
| <b>Expression Region</b> | 1-455aa  |
| <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 6xHis-Myc-tagged  |
| <b>Mol. Weight</b>       | 51.6kDa  |
| <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

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