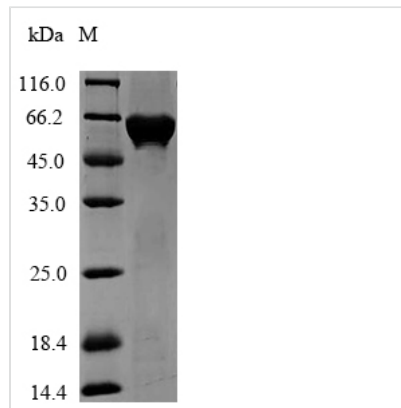




Recombinant Agrobacterium sp. 3-phosphoshikimate 1-carboxyvinyltransferase(aroA)

Product Code	CSB-EP870830ALAE
Relevance	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.
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.	Q9R4E4
Storage Buffer	Tris-based buffer,50% glycerol
Alias	5-enolpyruvylshikimate-3-phosphate synthase Short name:EPSP synthase Short name:EPSPS
Product Type	Recombinant Protein
Species	Agrobacterium sp. (strain CP4)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MSHGASSRPATARKSSGLSGTVRIPGDKSISHRSFMFGGLASGETRITGLLEG EDVINTGKAMQAMGARIRKEGDTWIIDGVGNGGLLAPEAPLDFGNAATGCRLT MGLVGVYDFDSTFIGDASLTKRPMGRVLNPLREMGVQVKSEGDRLPVTLRG PKTPTPITYRVPMASAQVKSALLAGLNTPGITTVIEPIMTRDHTEKMLQGFGA NLTVETDADGVRTIRLEGRGKLTGQVIDVPGDPSSTAFPLVAALLVPGSDVTIL NVLMPNTRTGLLTLQEMGADIEVINPRLAGGEDVADLRVRSSTLKGVTVPEDR APSMIDEYPILAVAAAFEAEGATVMNGLEELRVKESDRLSAVANGLKLNVDGCD EGETSLVVRGRPDGKGLGNASGAAVATHLDHRIAMSFLVMGLVSENPTVDD ATMIATSFPEFMDLMAGLGAKIELSDTKAA
Lead Time	3-7 business days
Research Area	Others
Source	E.coli
Gene Names	aroA
Expression Region	1-455aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	63.6kDa
Protein Description	Full Length
Image	



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