

Recombinant Agrobacterium sp. aroA Protein, His-SUMO-tagged

Cat. No. aroA-1133A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Agrobacterium sp. (strain CP4) 3-phosphoshikimate 1-carboxyvinyltransferase Protein (1-455aa) was expressed in E. coli with N-terminal His-SUMO tag.
Species	Agrobacterium sp.
Source	E.coli
ProteinLength	1-455 a.a.
Form	Tris-based buffer, 50% glycerol.
Molecular Mass	63.6 kDa
AA Sequence	MSHGASSRPATARKSSGLSGTVRIPGDKSISHRSFMFGGLASGETRITGLLEGEDVI NTGKAMQAMGARIRKEGDTWIIDGVGNGLLAPEAPLDFGNAATGCRLTMGLVG VY DFDSTFIGDASLTKRPMGRVLNPLREMGVQVKSEGDRLPVTLRGPKTPTPITYRVP MASAVQVKSALLAGLNTPGITTVEIPIMTRDHTKMLQGFGANLTVETDADGVRTIRL EGRGKLTGQVIDVPGDPSSTAFPLVAALLVPGSDVTILNVLNPNTRTGLLTLQEMGA DIEVINPRLAGGEDVADLRVRSSTLKGVTVPEDRAPSMIDEYPILAVAAFAEGATVM NGLEELRVKESDRLSAVANGLKLVGVDCDEGETSLVVRGRPDGKGLGNASGAAVA THLDHRIAMSFLVMGLVSENPTVDDATMIATSFPEFMDLMAGLGAKIELSDTKAA
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage

The shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

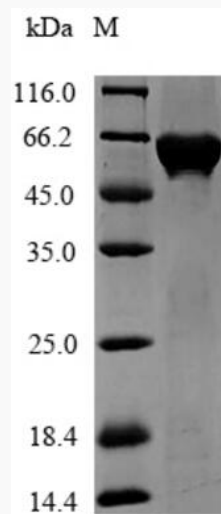
GENE INFORMATION

Gene Name 3-phosphoshikimate 1-carboxyvinyltransferase

Official Symbol 3-phosphoshikimate 1-carboxyvinyltransferase

Synonyms 3-phosphoshikimate 1-carboxyvinyltransferase; aroA; 5-enolpyruvylshikimate-3-phosphate synthase; EPSP synthase; EPSPS; EC 2.5.1.19

UniProt ID Q9R4E4



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