

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

SPECIFICATION

Cat.No.	aroA-1133A
Species	Agrobacterium sp.
Product Name	Recombinant Agrobacterium sp. aroA Protein, His-SUMO-tagged
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.
Source	E. coli
Tag	His/SUMO
Form	Tris-based buffer, 50% glycerol.
Molecular Mass	63.6 kDa
AA Sequence	MSHGASSRPATARKSSGLSGTVRIPGDKSISHRSFMFGGLASGETRITGLLEGEDVIN TGKAMQAMGARIRKEGDTWIIDGVGNGLLAPEAPLDFGNAATGCRLTMGLVGVD FDSTFIGDASLTKRPMGRVLNPLREMGVQVKSEDGDRLPVTLRGPKTPTPITYRVPM ASAQVKSALLAGLNTPGITTVIEPIMTRDHTEKMLQGFGANLTVETDADGVRTIRLEG RGKLTGQVIDVPGDPSSTAFPLVAALLVPGSDVTILNVLNPNTRTGLILTLQEMGADIE VINPRLAGGEDVADLRVRSSTLKGVTVPEDRAPSMIDEYPILAVAAFAEGATVMNGL EELRVKESDRLSAVANGLKLNQVDCDEGETSLVVRGRPDGKGLGNASGA AVATHLD HRIAMSFLVMGLVSENPTVDDATMIATSFPEFMDLMAGLGAKIELSDTKAA
Purity	Greater than 90% as determined by SDS-PAGE.
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 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

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UniProt ID

[Q9R4E4](#)

Figure 1

aroA-1133A, 1.jpg