



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

Product Code	CSB-MP358300PVU
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.	P0A2Y4
Product Type	Recombinant Protein
Immunogen Species	Pseudomonas sp. (strain PG2982)
Purity	>85% (SDS-PAGE)
Sequence	MSHSASPKPA TARRSEALTG EIRIPGDKSI SHRSFMFGGL ASGETRITGL LEGEDVINTG RAMQAMGAKI RKEGDVWIIN GVGNGCLLQP EAALDFGNAG TGARLTMGLV GTYDMKTSFI GDASLSKRPM GRVLNPLREM GVQVEAADGD RMPLTLIGPK TANPITYRVP MASAQVKS AV LLAGLNTPGV TTVIEPVMTR DHTEKMLQGF GADLTVETDK DGVRHIRITG QGKLVGQTID VPGDPSSTAF PLVAALLVEG SDVTIRNVLM NPTRTGLILT LQEMGADIEV LNARLAGGED VADLRVRASK LKGVVVPPER APSMIDEYPV LAIAASFAEG ETVMDGLDEL RVKESDRLAA VARGLEANGV DCTEGEMSLT VRGRPDGKGL GGGTVATHLD HRIAMSFLVM GLAAEKPVTV DDSNMIATSF PEFMDMMPGL GAKIELSIL
Source	Mammalian cell
Target Names	aroA
Protein Names	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
Expression Region	1-449
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.



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