



Recombinant Arabidopsis thaliana 3-phosphoshikimate 1-carboxyvinyltransferase, chloroplastic (At2g45300)

Product Code	CSB-EP361530DOA-B
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.	P05466
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	KASE IVLQPIREIS GLIKLPGSKS LSNRILLAA LSEGTTVVDN LLNSDDINYM LDALKRLGLN VETDSENNRA VVEGCGGIFP ASIDSKSDIE LYLGNAGTAM RPLTAAVTAA GGNASYVLDG VPRMRERPIG DLVVGLKQLG ADVECTLGTN CPPVRVNANG GLPGGKVKLS GSISSQYLTA LLMSAPLALG DVEIEIVDKL ISVPYVEMTL KLMERFGVSV EHSDSWDRFF VKGGQKYKSP GNAYVEGDAS SASYFLAGAA ITGETVTVEG CGTTSLQGDV KFAEVLEKMG CKVSWTENSV TVTGPPRDAF GMRHLRAIDV NMNKMPDVAM TLAVVALFAD GPTTIRDVAS WRVKETERMI AICTELRKLK ATVEEGSDYC VITPPKKVKT AEIDTYDDHR MAMAFSLAAC ADVPITINDP GCTRKTFPDY FQVLERITKH
Source	E.coli
Target Names	At2g45300
Protein Names	Recommended name: 3-phosphoshikimate 1-carboxyvinyltransferase, chloroplastic EC= 2.5.1.19 Alternative name(s): 5-enolpyruvylshikimate-3-phosphate synthase Short name= EPSP synthase
Expression Region	77-520
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 of Mature 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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