



Recombinant Nicotiana tabacum 3-phosphoshikimate 1-carboxyvinyltransferase 1, chloroplastic (EPSPS-1)

Product Code	CSB-EP332952NHE-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.	P23981
Product Type	Recombinant Protein
Immunogen Species	Nicotiana tabacum (Common tobacco)
Purity	>85% (SDS-PAGE)
Sequence	KPNEIV LQPIKDISGT VKLPGSKSLS NRILLLAALS KGRTVVDNLL SSDDIHYMLG ALKTLGLHVE DDNENQRAIV ECGGQFPVG KKSEEEIQLF LGNAGTAMRP LTAAVTVAGG HSRVVDGVP RMRERPIGDL VDGLKQLGAE VDCFLGTNCP PVRIVSKGGL PGGKVKLSGS ISSQYL TALL MAAPLALGDV EIEIIDKLIS VPYVEMTLKL MERFGVSVEH TSSWDKFLVR GGQKYKSPGK AYVEGDASSA SYFLAGAAVT GGTVTVEGCG TSSLQGDVKF AEVLEKMGAE VTWTENSVTV KGPPRNSSGM KHLRAVDVNM NKMPDVAMTL AVVALFADGP TAIRDVASWR VKETERMIAI CTELKLGAT VVEGSDYCII TPPEKLNVTE IDTYDDHRMA MAFSLAACAD VPVTIKDPGC TRKTFPNYFD VLQQYSKH
Source	E.coli
Target Names	EPSPS-1
Protein Names	Recommended name: 3-phosphoshikimate 1-carboxyvinyltransferase 1, chloroplastic EC= 2.5.1.19 Alternative name(s): 5-enolpyruvylshikimate-3-phosphate synthase 1 Short name= EPSP synthase 1
Expression Region	75-518
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. 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.