

3-phosphoshikimate 1-carboxyvinyltransferase 1, chloroplastic (EPSPS-1) Recombinant Protein | EPSPS-1 recombinant protein

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

CATALOG # AAA115614	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

3-phosphoshikimate 1-carboxyvinyltransferase 1; chloroplastic (EPSPS-1); Recombinant Nicotiana tabacum 3-phosphoshikimate 1-carboxyvinyltransferase 1; EPSPS-1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	75-518aa; Full Length of Mature Protein
Sequence	KPNEIVLQPI KDISGTVKLP GSKSLSNRIL LLAALSKGRT VVDNLLSSDD IHYMLGALKT LGLHVEDDNE NQRAIVEGCG GQFPVGKKSE EEIQLFLGNA GTAMRPLTAA VTVAGGHSRY VLDGVPRMRE RPIGDLVDGL KQLGAEVDCF LGTNCPPVRI VSKGGLPGGK VKLSGSISSQ YLTALLMAAP LALGDVEIEI IDKLISVPYV EMTLKLMERF GVSVEHTSSW DKFLVRGGQK YKSPGKAYVE GDASSASYFL AGAAVTGGTV TVEGCGTSSL QGDVKFAEVL EKMGAEVTWT ENSVTVGPP RNSSGMKHLR AVDVNMNKMP DVAMTLAVVA LFADGPTAIR DVASWRVKET ERMIAICTEL RKLGATVVEG SDYCIITPPE KLVNTEIDTY DDHRMAMAFS LAACADVPVT IKDPGCTRKT FPNYFDVLQQ YSKH
Species	Nicotiana tabacum (Common tobacco)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1027859205
NCBI GeneID	107813883
NCBI Accession #	NP_001312842.1
NCBI GenBank Nucleotide #	NM_001325913.1
UniProt Accession #	P23981
Molecular Weight	53.7 kDa
NCBI Official Full Name	3-phosphoshikimate 1-carboxyvinyltransferase 1, chloroplastic
NCBI Official Symbol	LOC107813883
NCBI Official Synonym Symbols	EPSPS1; EPSPS-1
NCBI Protein Information	3-phosphoshikimate 1-carboxyvinyltransferase 1, chloroplastic
UniProt Protein Name	3-phosphoshikimate 1-carboxyvinyltransferase 1, chloroplastic
UniProt Gene Name	EPSPS-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/epsps-1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/115614>