



Recombinant Methanothermobacter thermautotrophicus Probable 3-phosphoshikimate 1-carboxyvinyltransferase (aroA)

Product Code	CSB-EP522948MSR
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.	O26860
Product Type	Recombinant Protein
Immunogen Species	Methanothermobacter thermautotrophicus (strain ATCC 29096 / DSM 1053 / JCM 10044 / NBRC 100330 / Delta H) (Methanobacterium thermoautotrophicum)
Purity	≥85% (SDS-PAGE)
Sequence	MDLTV EKSGN LEGTVKAPPS KSYTHRAVII AALAEGVSEI RDPLIAEDTL SSLNACRAFG IRVDEGDAWT VHSGGGELET PDDVIYLGNS GTTLRLMTSV AGLAENYTVL TGDESLRTRP MQPLLDALRP LGVEALSSRM NGLPPIIVRG GLRGGSTSIR GDVSSQFISS ILIAAPLTEG VEV MVEGDFI SRPYVDMTVD VMERFSVPVD YSEGTFRVEP AVYRGLDYTV EGDYSSASYL AGAVAAAGGD VLIENLFRDS RQGDRILDI ISDMGAEVRR GEDHVRIAST GELSGVSVNL HDAPDLLPTV AVL GALATGR TEIGGVEHAR YKETDRISTC AAELRRLGVD VTELPDGMII EGGASGGTVW SHGDHRLAMA FTLIGLREGI TIRDAEVFSV SFPDFPERMM QIGCRMNLS
Source	E.coli
Target Names	aroA
Protein Names	Recommended name: Probable 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	1-419
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

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