



Recombinant Zea mays Dihydrodipicolinate synthase, chloroplastic

Product Code	CSB-EP340775ZAX
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.	P26259
Product Type	Recombinant Protein
Immunogen Species	Zea mays (Maize)
Purity	>85% (SDS-PAGE)
Sequence	AITLDD YLPMRSTEVK NRTSTDDITR LRLITAVKTP YLPDGRFDLE AYDSLINMQI EGGAEGVIVG GTTGEGHLS WDEHIMLIGH TVNCFGSRK VIGNTGSNST REAVHATEQG FAVGMHAALH INPYYGKTS EGMISHFEAV LPMGPTIYN VPSRSAQDIP PEVILASGY TNMAGVKECV GHERVKHYAD KGITWSGND DECHDSKWKH GATGVISVTS NLVPLMLHSL MYKGENATLN EKLSPLMKWL FCQPNPIALN TALAQLGVAR PVFRLPYVPL PLEKRAEFVR IVESIGRENF VGQKEARVLD DDDFVLISRY
Source	E.coli
Protein Names	Recommended name: Dihydrodipicolinate synthase, chloroplastic Short name=DHDPS EC= 4.2.1.52
Expression Region	55-380
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.