



Recombinant Arabidopsis thaliana Dihydrodipicolinate synthase 1, chloroplastic (DHDPS1)

Product Code	CSB-EP868088DOA
Abbreviation	DHDPS1
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.	Q9LZX6
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	A VVPNFHLPMPR SLEDKNRTNT DDIRSLRVIT AIKTPYLPDG RFDLQAYDDL VNTQIENGAE GVIVGGTTGE GQLMSWDEHI MLIGHTVNCF GGRIKVIGNT GSNSTREAIH ATEQGFAMGM HGALHINPYY GKTSIEGMNA HFQTVLHMGP TIIYNVPGRT CQDIPPQVIF KLSQNPNMAG VKECVGNNRV EEYTEKGIVV WSGNDDQCHD SRWDHGATGV ISVTSNLVPG LMRKLMFEGR NSALNAKLLP LMDWLFQEPN PIGVNTALAQ LGVARPVFRL PYVPLPLSKR IEFVKLVKEI GREHFVGDRD VQVLDDDDFI LIGRY
Source	E.coli
Target Names	DHDPS1
Protein Names	Recommended name: Dihydrodipicolinate synthase 1, chloroplastic Short name= DHDPS 1 EC= 4.2.1.52
Expression Region	40-365
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.